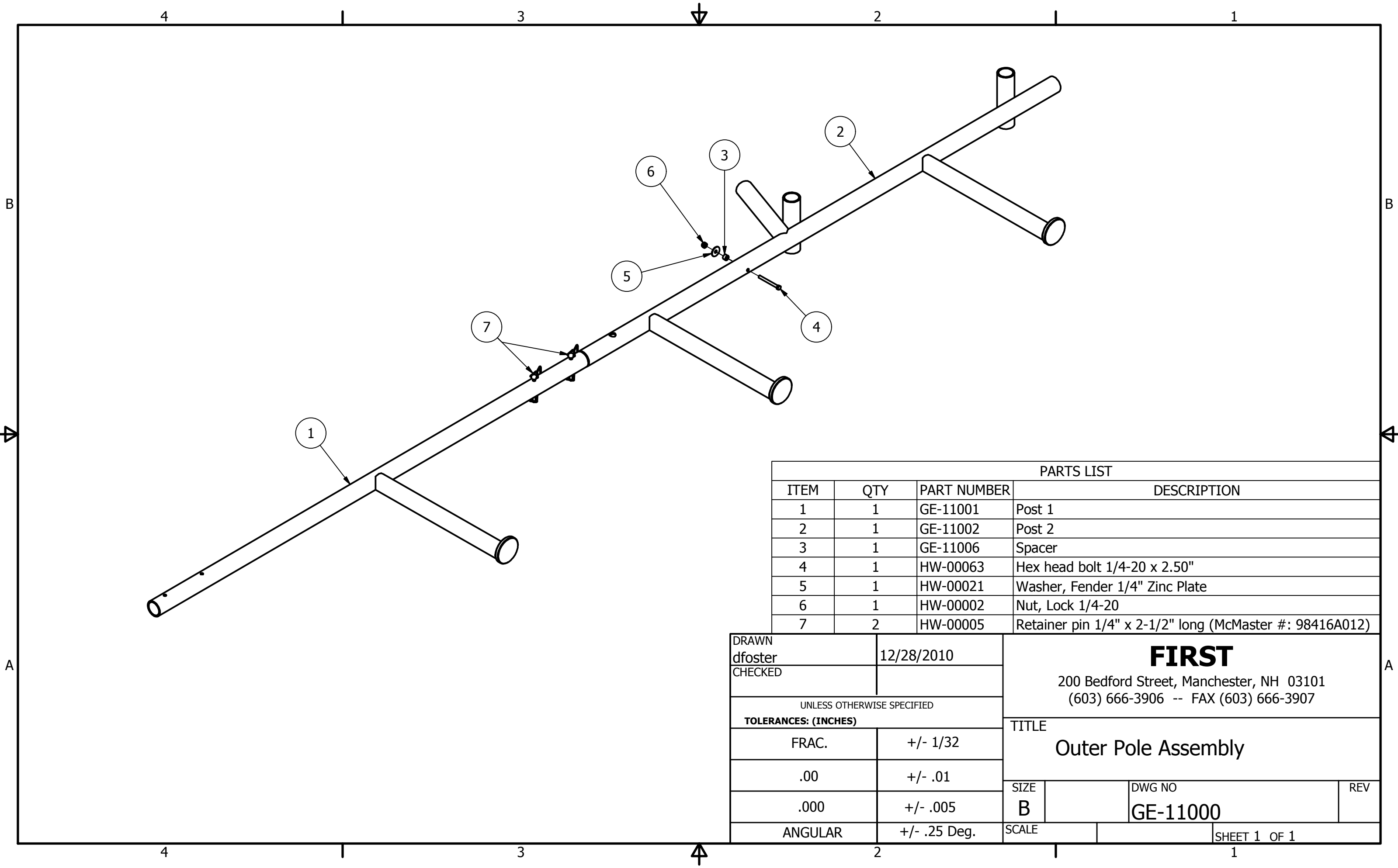


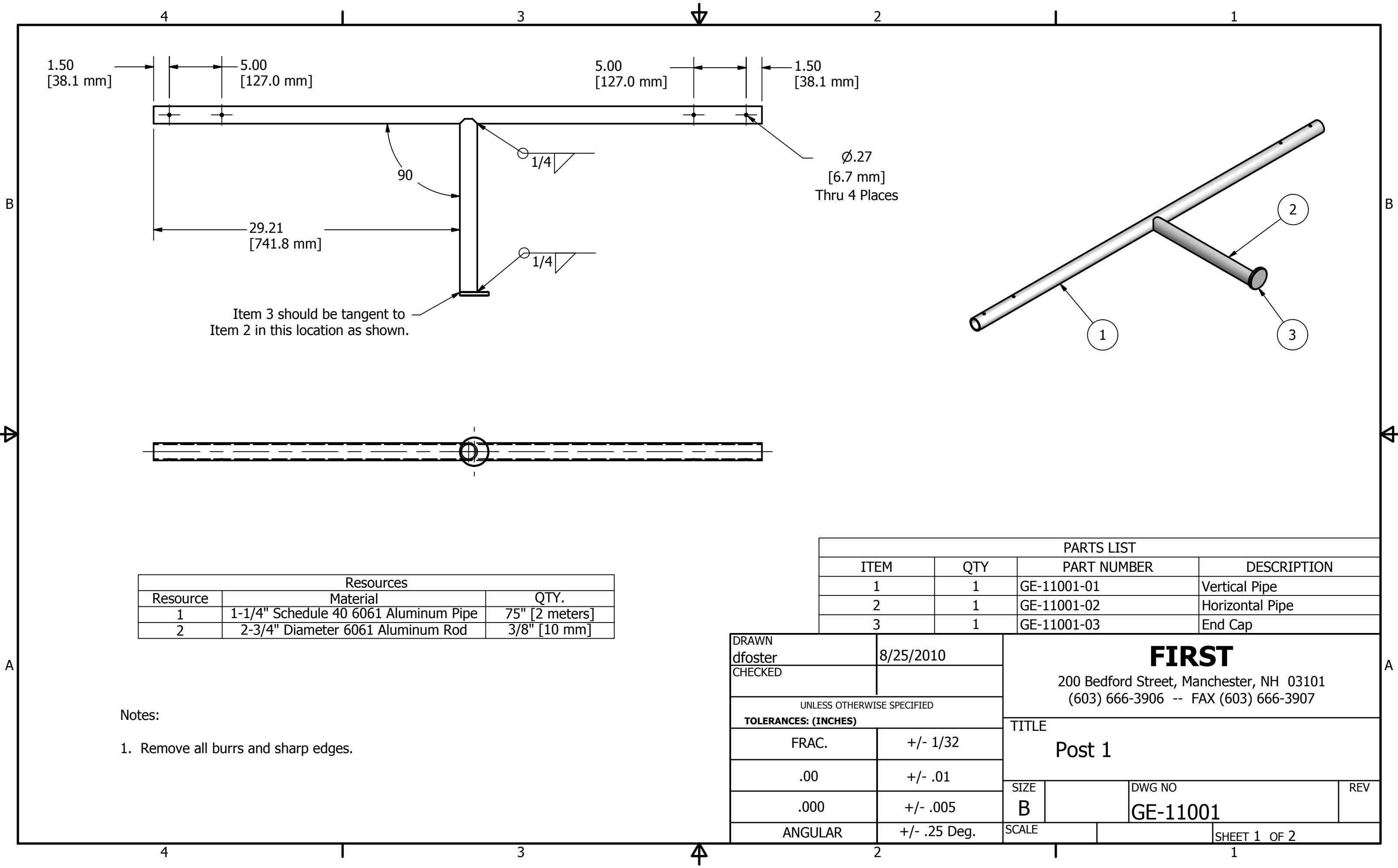
- Notes:
- 1) Material: Steel HRS Sheet 14 ga (.075 thk)
  - 2) Remove all burrs and sharp edges

DRAWN dfoster		12/1/2009		<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>				TITLE  Clip, End Panel Support			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE		DWG NO	REV
				B		GE-10055	
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11001	Post 1
2	1	GE-11002	Post 2
3	1	GE-11006	Spacer
4	1	HW-00063	Hex head bolt 1/4-20 x 2.50"
5	1	HW-00021	Washer, Fender 1/4" Zinc Plate
6	1	HW-00002	Nut, Lock 1/4-20
7	2	HW-00005	Retainer pin 1/4" x 2-1/2" long (McMaster #: 98416A012)

DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Outer Pole Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				DWG NO		REV	
				GE-11000			
		SCALE				SHEET 1 OF 1	



Item 3 should be tangent to  
Item 2 in this location as shown.

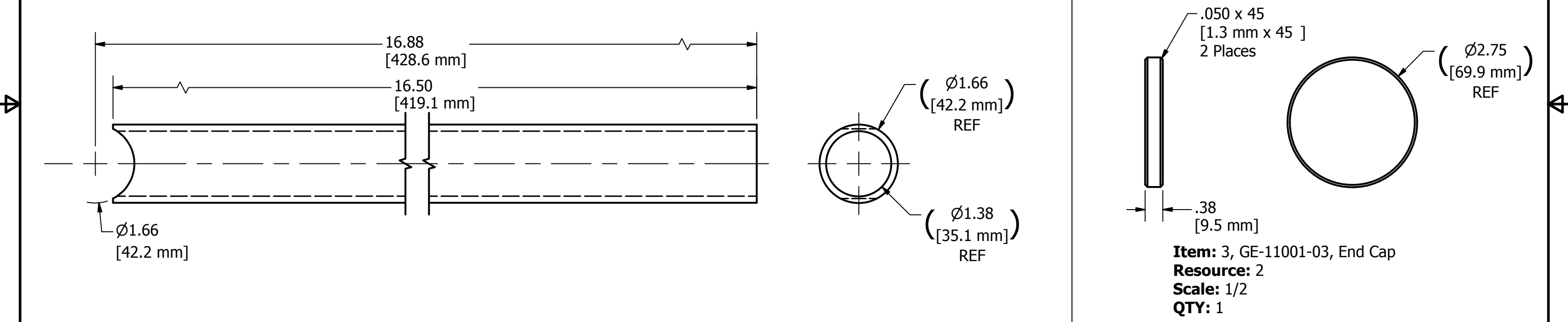
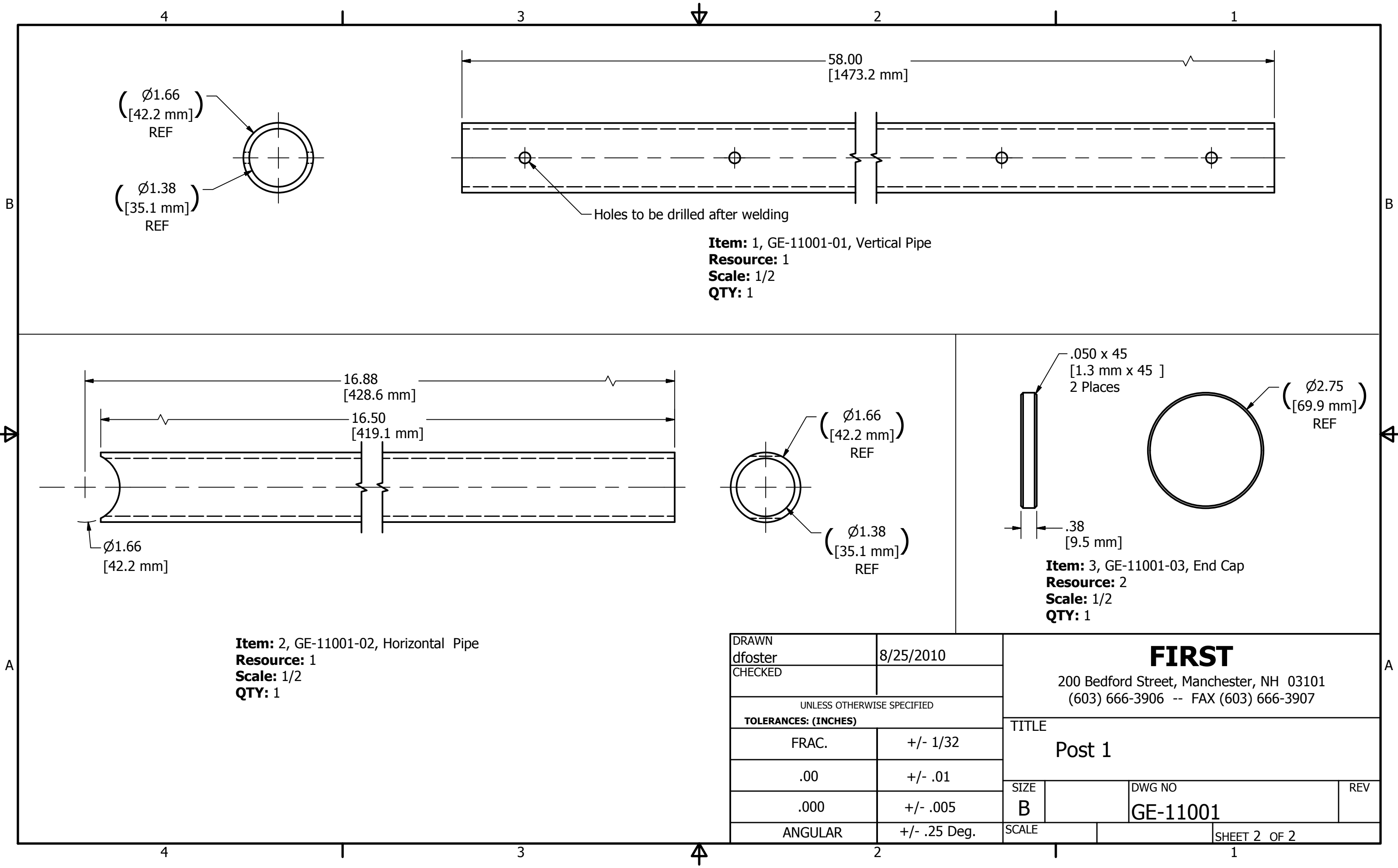
Resources		
Resource	Material	QTY.
1	1-1/4" Schedule 40 6061 Aluminum Pipe	75" [2 meters]
2	2-3/4" Diameter 6061 Aluminum Rod	3/8" [10 mm]

Notes:

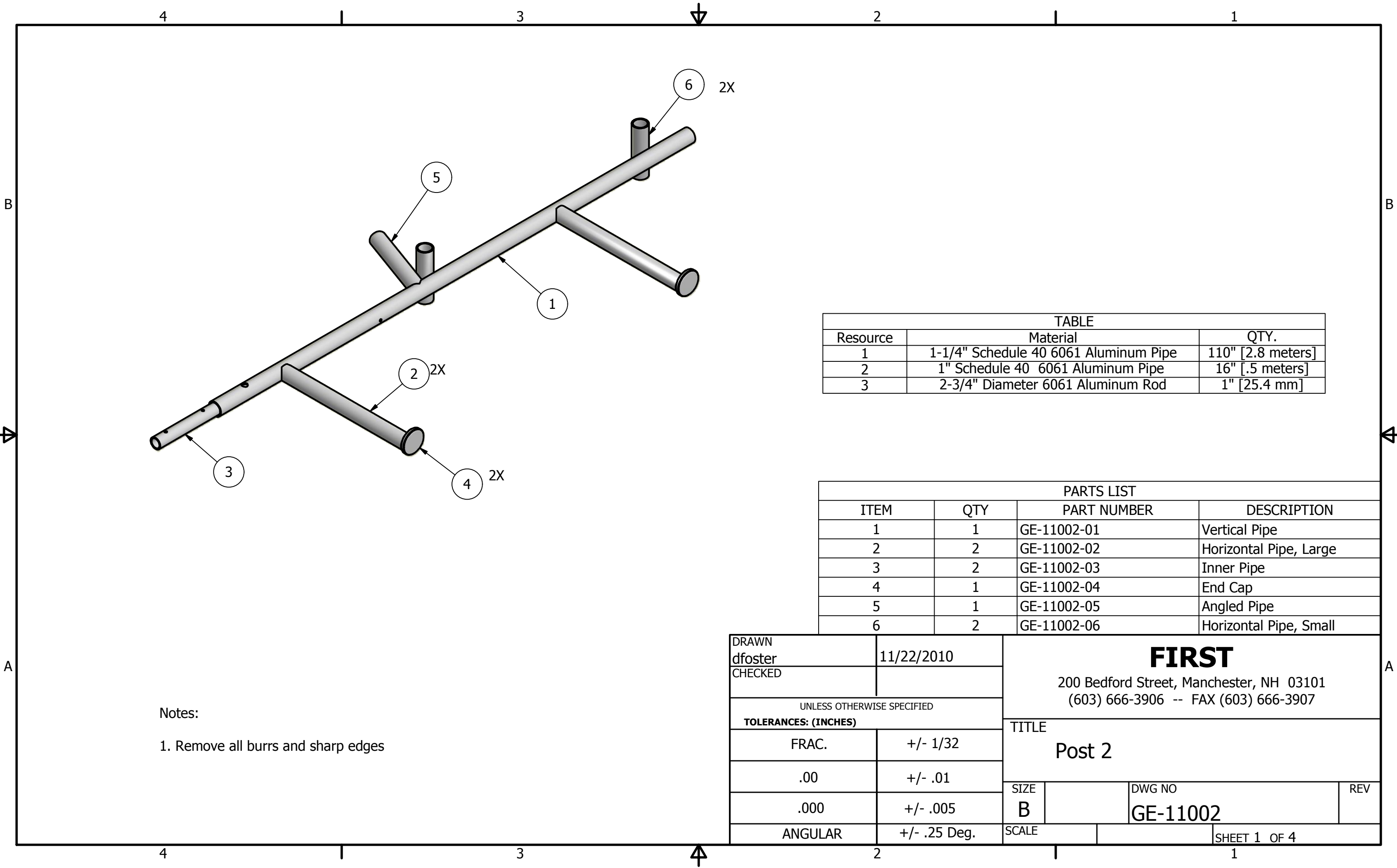
1. Remove all burrs and sharp edges.

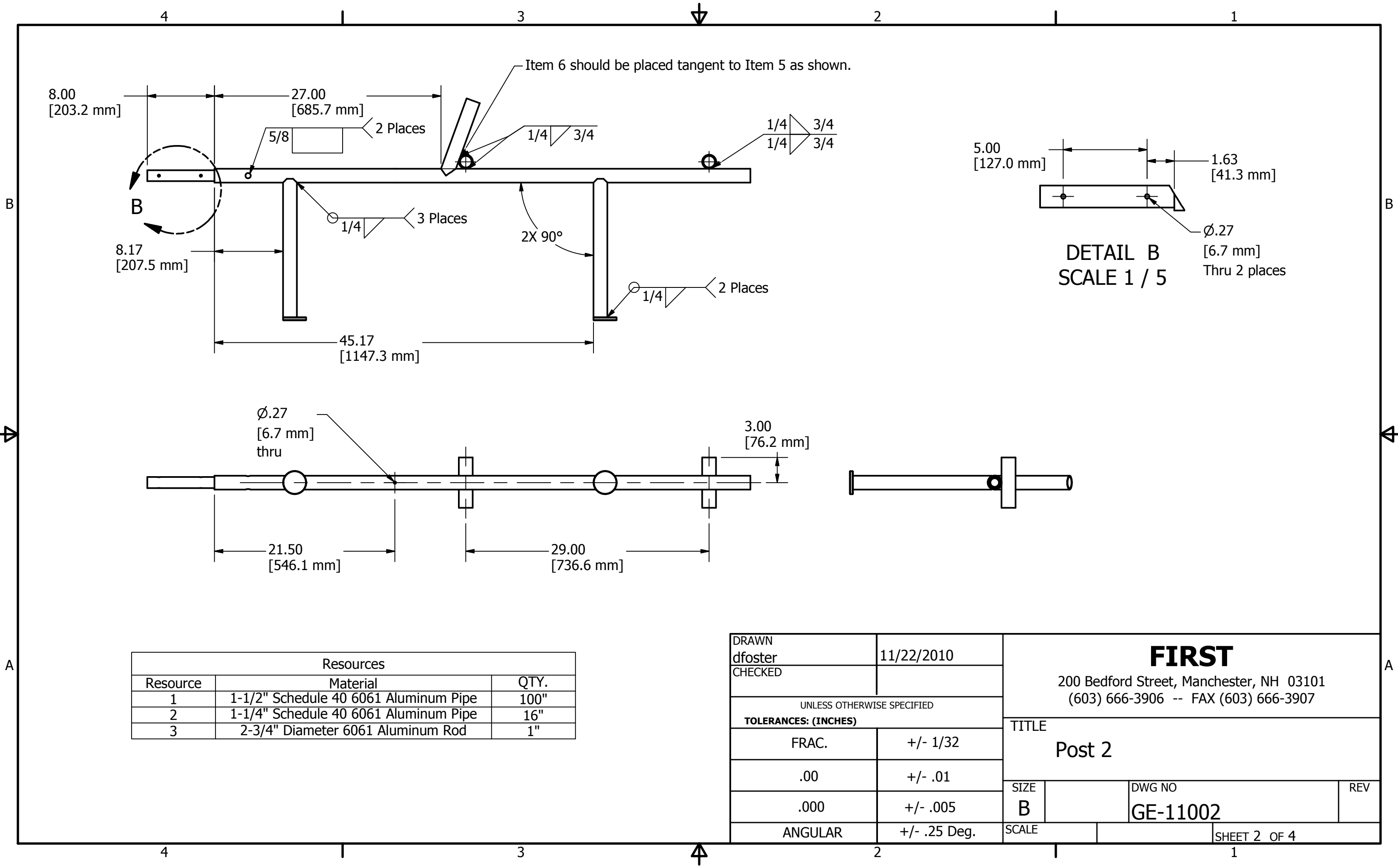
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11001-01	Vertical Pipe
2	1	GE-11001-02	Horizontal Pipe
3	1	GE-11001-03	End Cap

DRAWN dfoster		8/25/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE  Post 1			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
				B	GE-11001		
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	



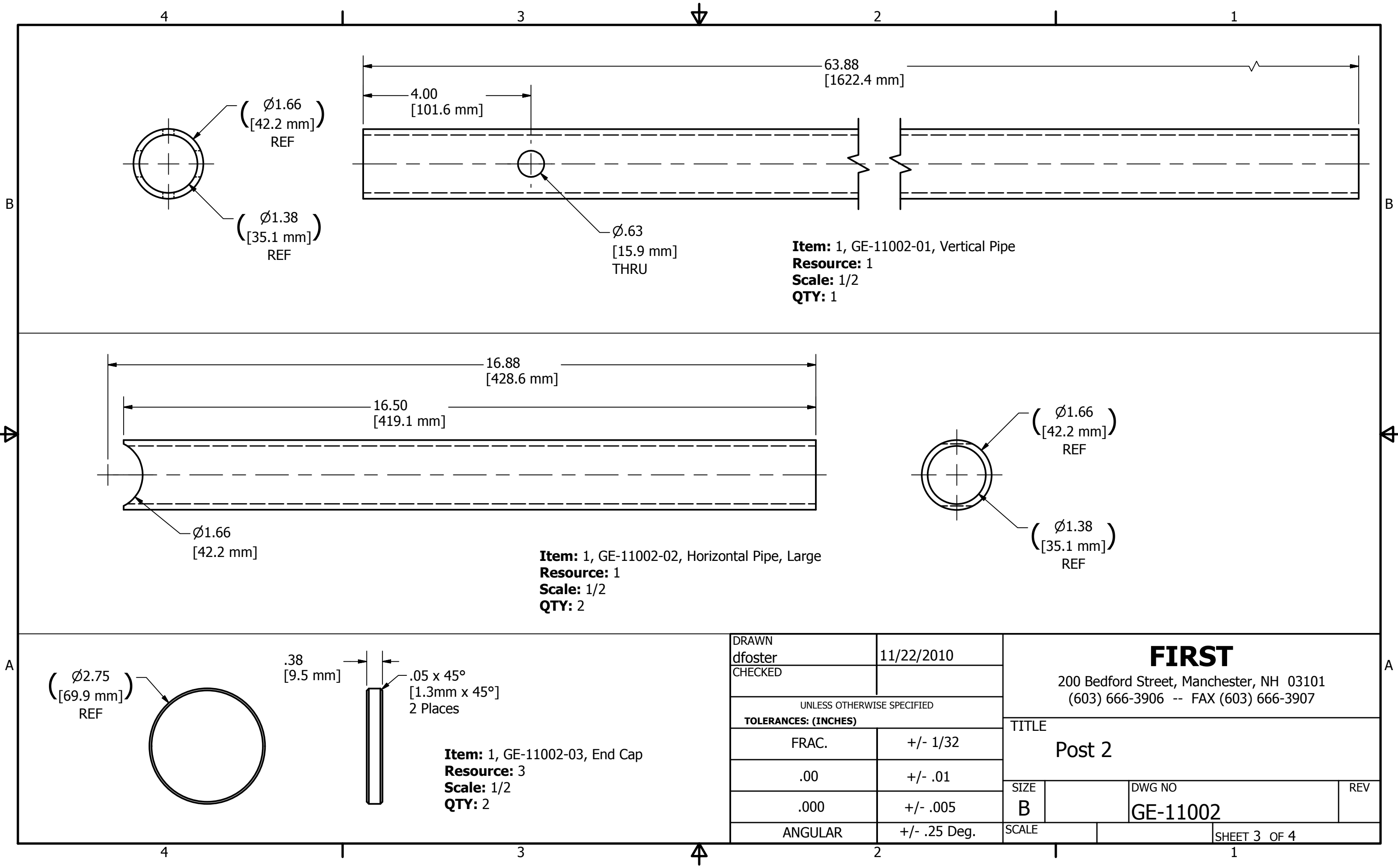
DRAWN dfoster	8/25/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE  Post 1			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.				
		SCALE		DWG NO GE-11001	REV
				SHEET 2 OF 2	





Resources		
Resource	Material	QTY.
1	1-1/2" Schedule 40 6061 Aluminum Pipe	100"
2	1-1/4" Schedule 40 6061 Aluminum Pipe	16"
3	2-3/4" Diameter 6061 Aluminum Rod	1"

DRAWN dfoster	11/22/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE  Post 2			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE		DWG NO GE-11002	REV
				SHEET 2 OF 4	

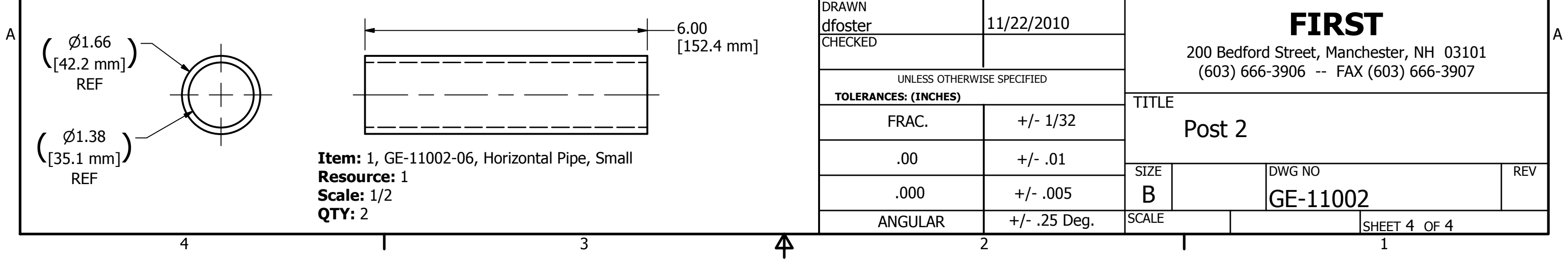
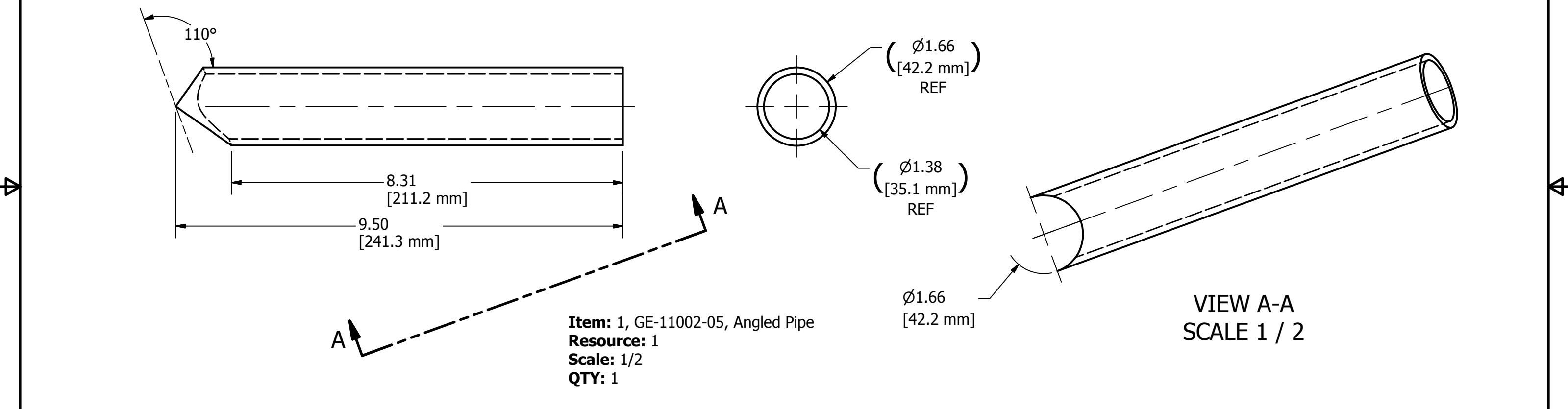
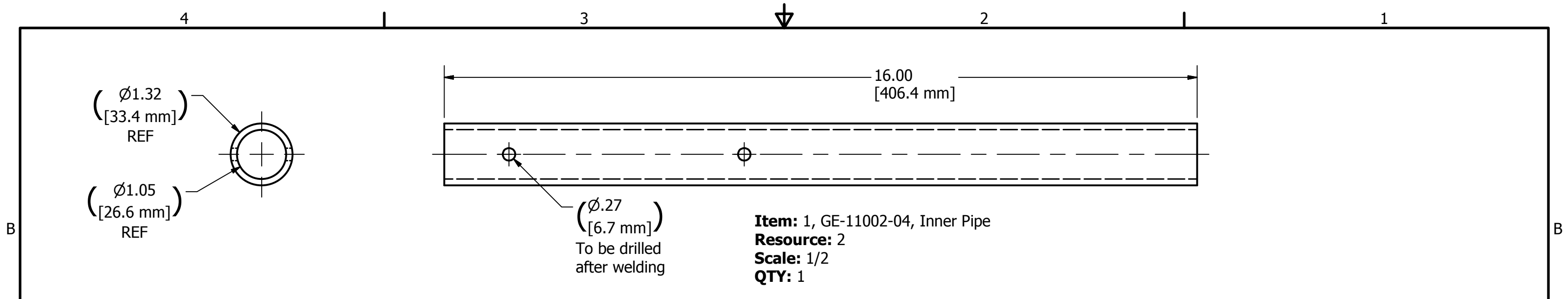


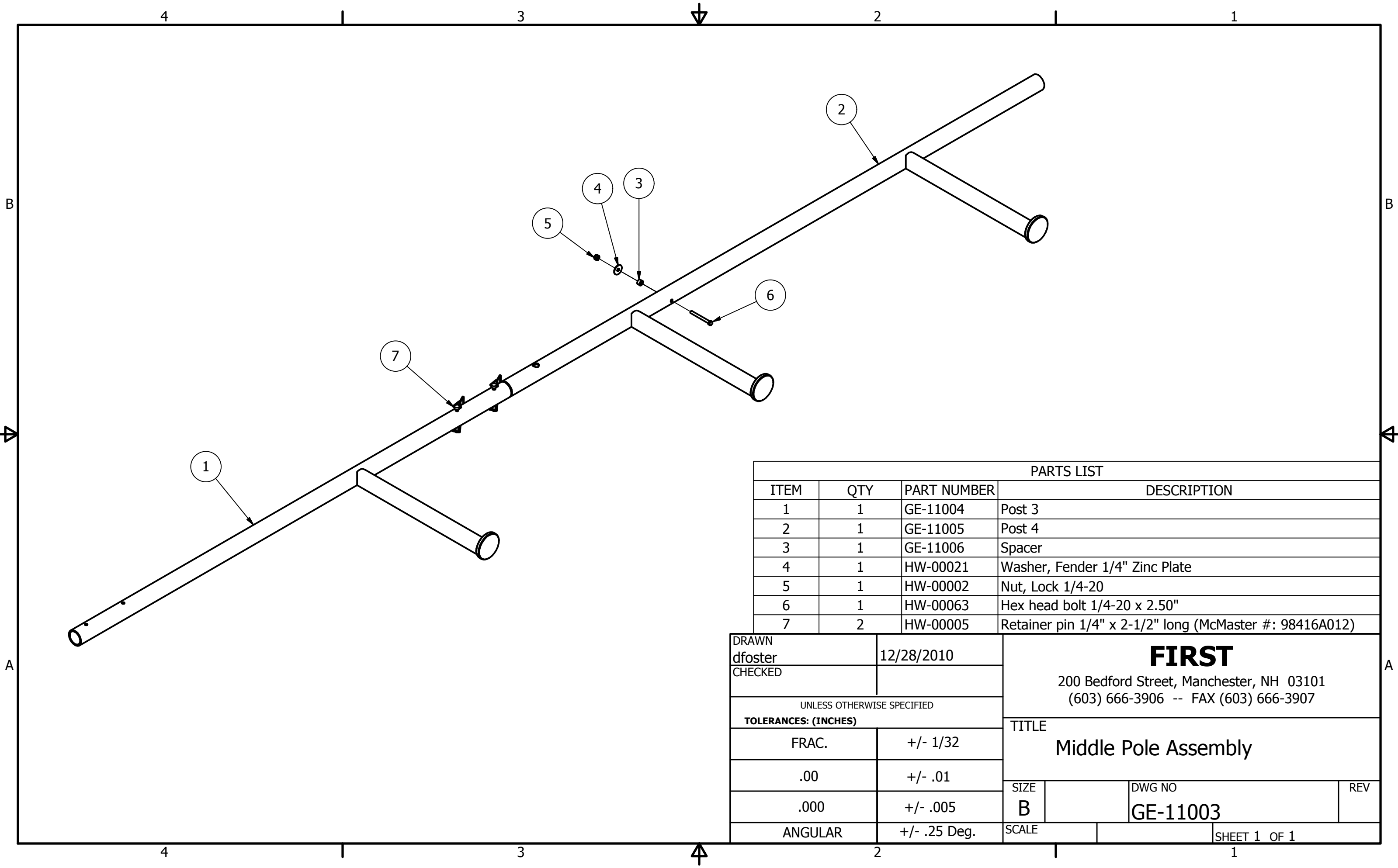
**Item:** 1, GE-11002-01, Vertical Pipe  
**Resource:** 1  
**Scale:** 1/2  
**QTY:** 1

**Item:** 1, GE-11002-02, Horizontal Pipe, Large  
**Resource:** 1  
**Scale:** 1/2  
**QTY:** 2

**Item:** 1, GE-11002-03, End Cap  
**Resource:** 3  
**Scale:** 1/2  
**QTY:** 2

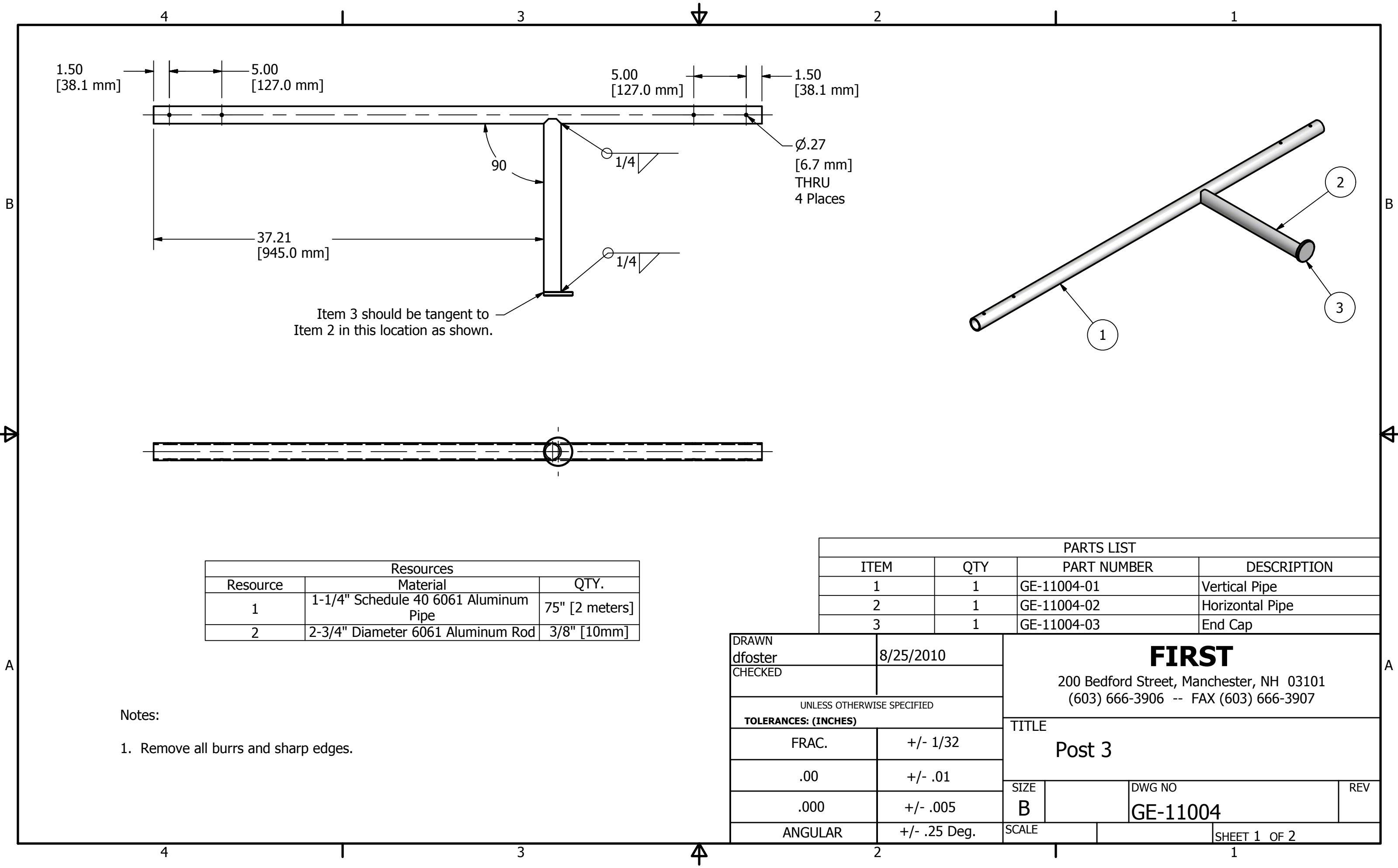
DRAWN dfoster		11/22/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE  Post 2			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				DWG NO GE-11002		REV	
				SCALE		SHEET 3 OF 4	





PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11004	Post 3
2	1	GE-11005	Post 4
3	1	GE-11006	Spacer
4	1	HW-00021	Washer, Fender 1/4" Zinc Plate
5	1	HW-00002	Nut, Lock 1/4-20
6	1	HW-00063	Hex head bolt 1/4-20 x 2.50"
7	2	HW-00005	Retainer pin 1/4" x 2-1/2" long (McMaster #: 98416A012)

DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>					
CHECKED									
UNLESS OTHERWISE SPECIFIED				TITLE <div>Middle Pole Assembly</div>					
TOLERANCES: (INCHES)									
FRAC.		+/- 1/32							
.00		+/- .01		SIZE B					
.000		+/- .005							
ANGULAR		+/- .25 Deg.							
				SCALE		DWG NO GE-11003		REV	
						SHEET 1 OF 1			



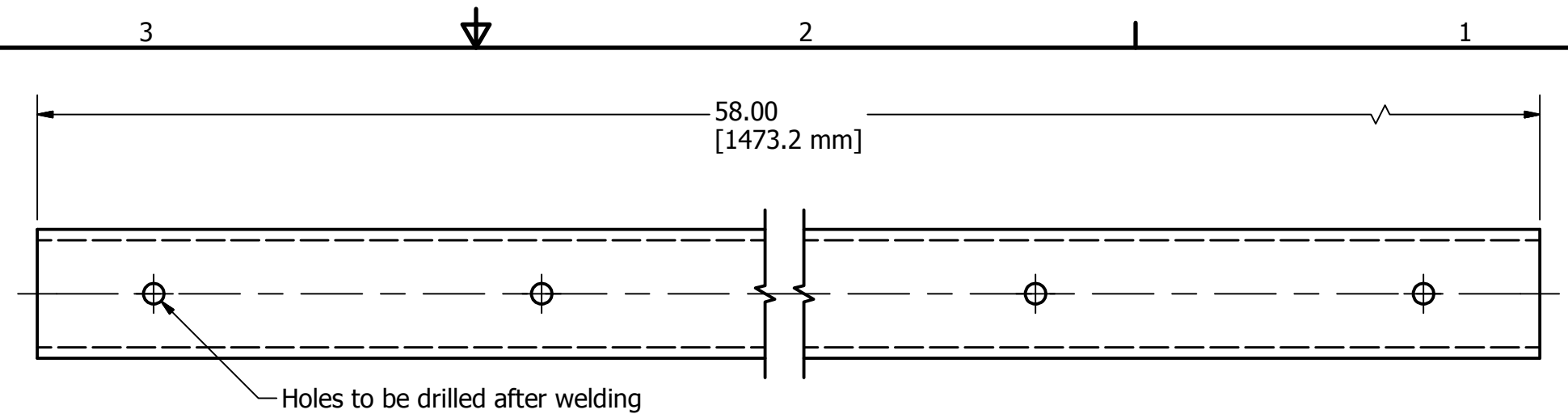
Resources		
Resource	Material	QTY.
1	1-1/4" Schedule 40 6061 Aluminum Pipe	75" [2 meters]
2	2-3/4" Diameter 6061 Aluminum Rod	3/8" [10mm]

Notes:

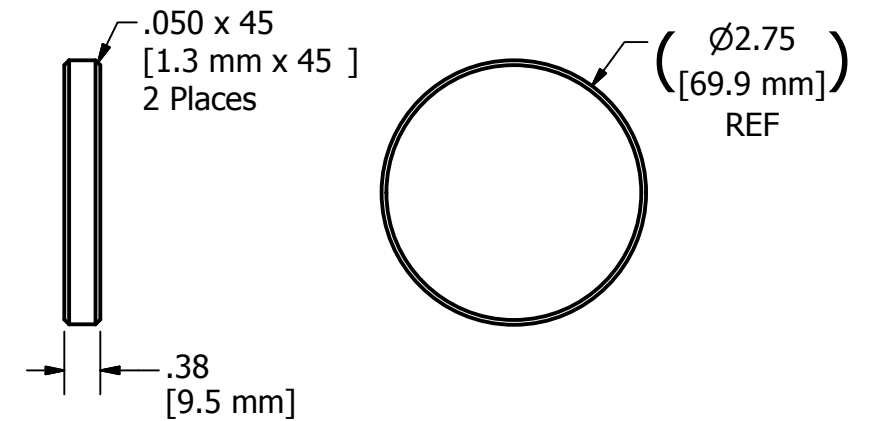
1. Remove all burrs and sharp edges.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11004-01	Vertical Pipe
2	1	GE-11004-02	Horizontal Pipe
3	1	GE-11004-03	End Cap

DRAWN dfoster		8/25/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE  Post 3			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				DWG NO GE-11004		REV	
				SCALE		SHEET 1 OF 2	

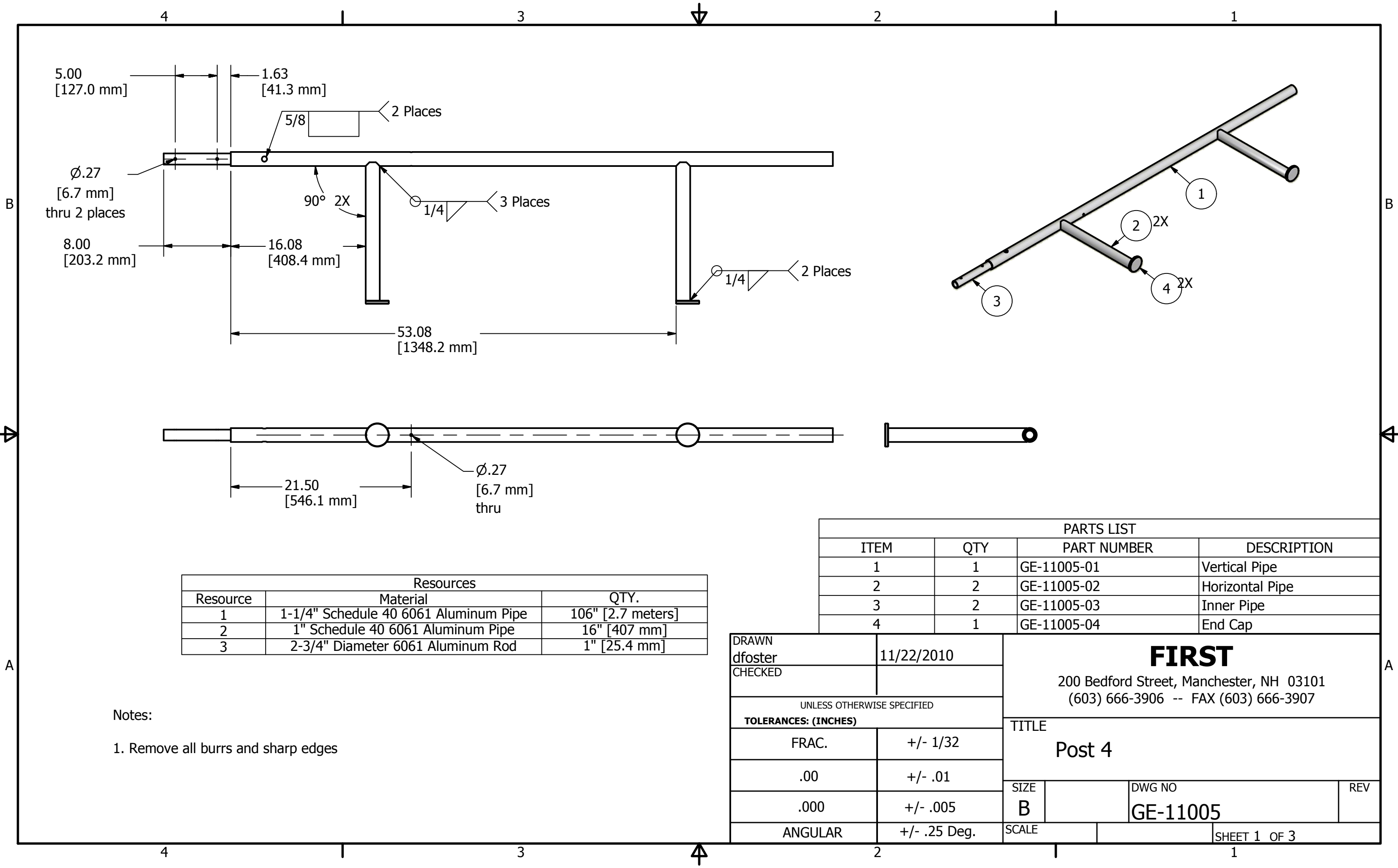


Technical drawing of a circular cross-section of a tube. The drawing shows two concentric circles. The outer circle is labeled with a diameter of  $\text{Ø}1.66$  [42.2 mm] REF. The inner circle is labeled with a diameter of  $\text{Ø}1.38$  [35.1 mm] REF. Arrows point from the text labels to the respective circles.



**Item:** 2, GE-11004-02, Horizontal Pipe  
**Resource:** 1  
**Scale:** 1/2  
**QTY:** 1

DRAWN dfoster		8/25/2010		<h1 style="text-align: center;">FIRST</h1> <p style="text-align: center;">200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</p>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<h2 style="text-align: center;">TITLE</h2> <h1 style="text-align: center;">Post 3</h1>			
<b>TOLERANCES: (INCHES)</b>							
FRAC.		+/- 1/32					
.00		+/- .01		<div> <div>SIZE</div> <div>B</div> </div> <div> <div>DWG NO</div> <div>GE-11004</div> </div> <div>REV</div>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 2 OF 2	



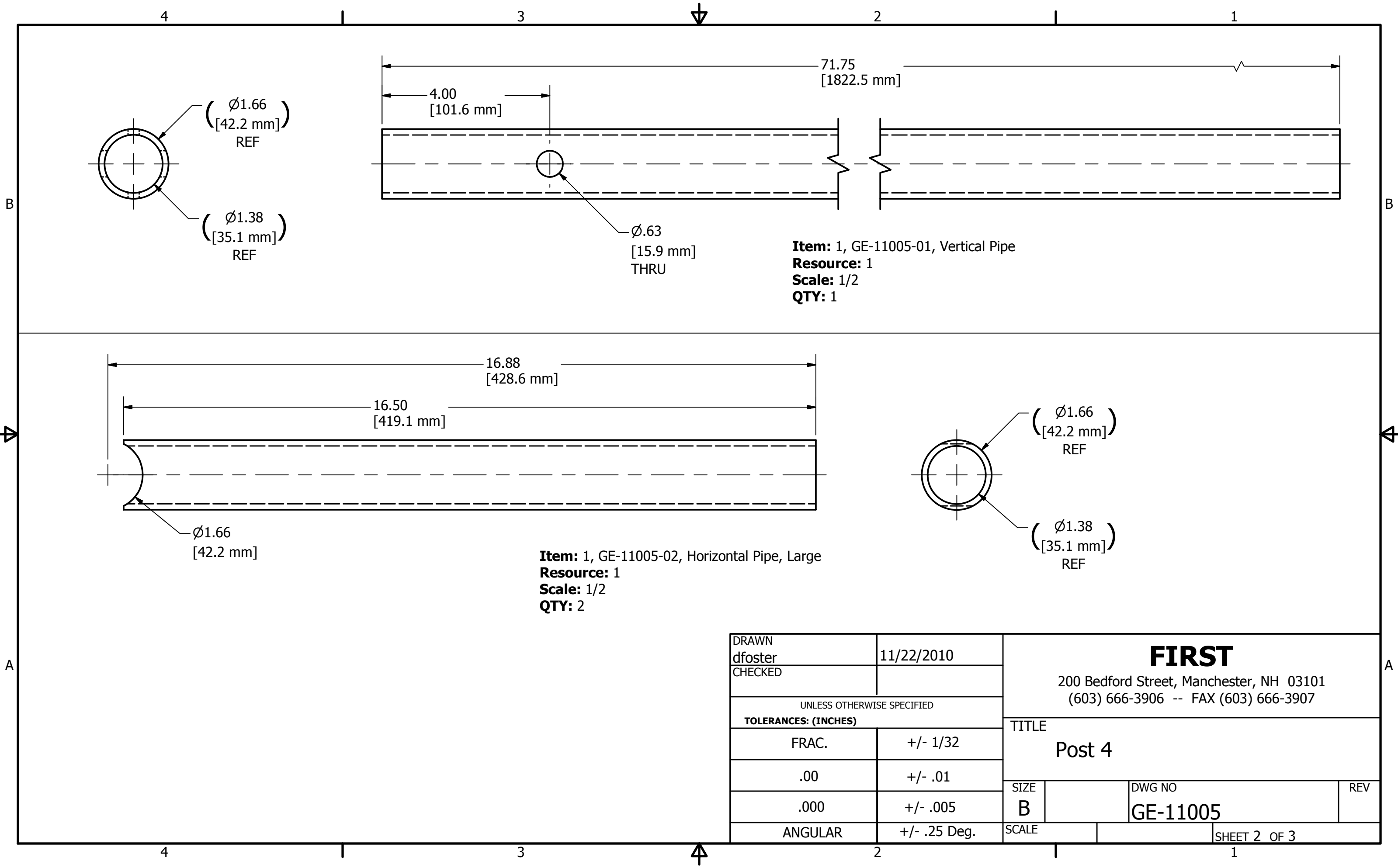
Resources		
Resource	Material	QTY.
1	1-1/4" Schedule 40 6061 Aluminum Pipe	106" [2.7 meters]
2	1" Schedule 40 6061 Aluminum Pipe	16" [407 mm]
3	2-3/4" Diameter 6061 Aluminum Rod	1" [25.4 mm]

Notes:

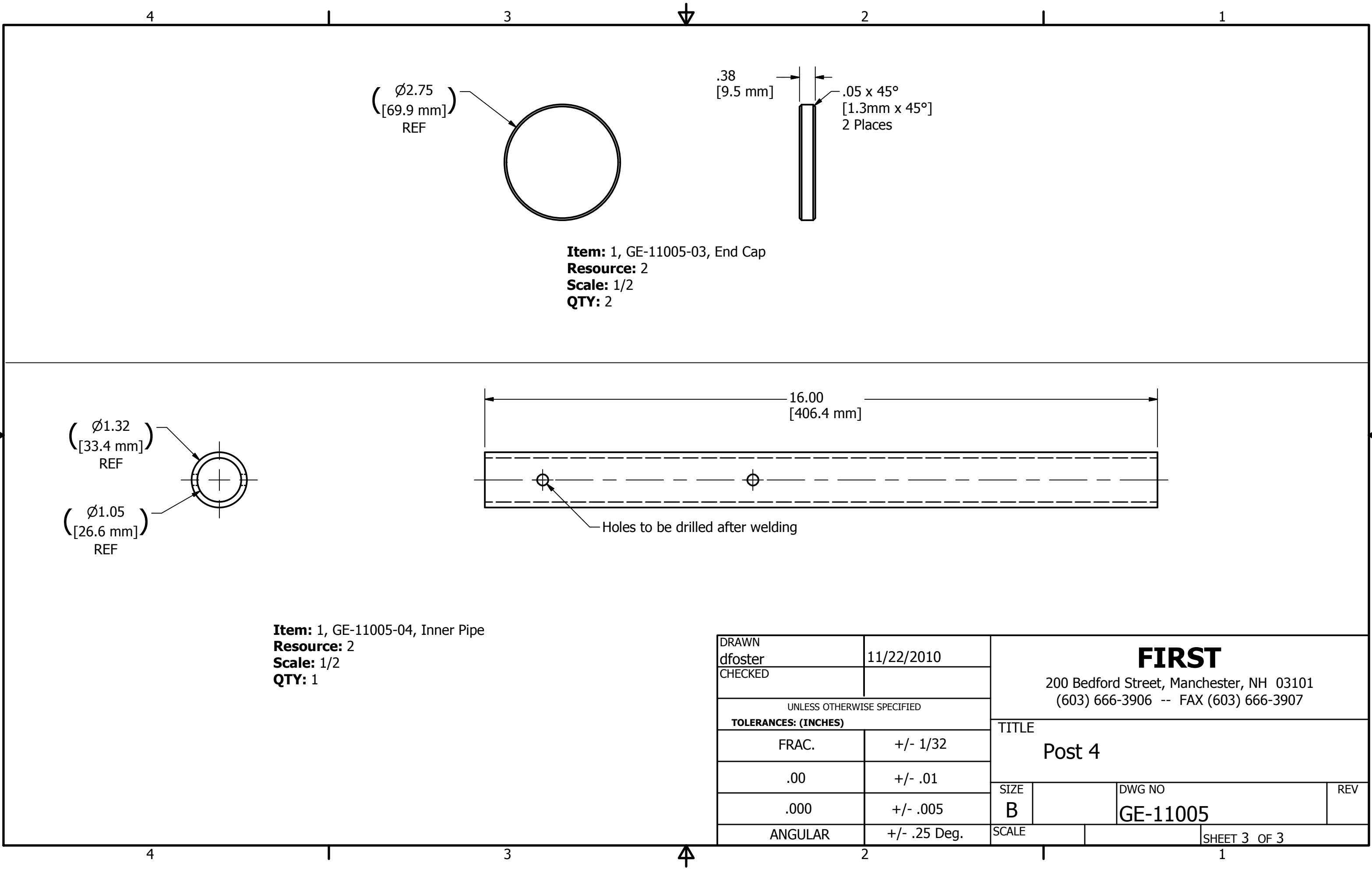
1. Remove all burrs and sharp edges

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11005-01	Vertical Pipe
2	2	GE-11005-02	Horizontal Pipe
3	2	GE-11005-03	Inner Pipe
4	1	GE-11005-04	End Cap

DRAWN dfoster		11/22/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Post 4</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				SCALE		DWG NO GE-11005	
						REV	
				SHEET 1 OF 3			



DRAWN dfoster	11/22/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE  Post 4			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.				
		SCALE		DWG NO GE-11005	REV
				SHEET 2 OF 3	



( Ø2.75  
[69.9 mm]  
REF

.38  
[9.5 mm]

.05 x 45°  
[1.3mm x 45°]  
2 Places

**Item:** 1, GE-11005-03, End Cap  
**Resource:** 2  
**Scale:** 1/2  
**QTY:** 2

( Ø1.32  
[33.4 mm]  
REF

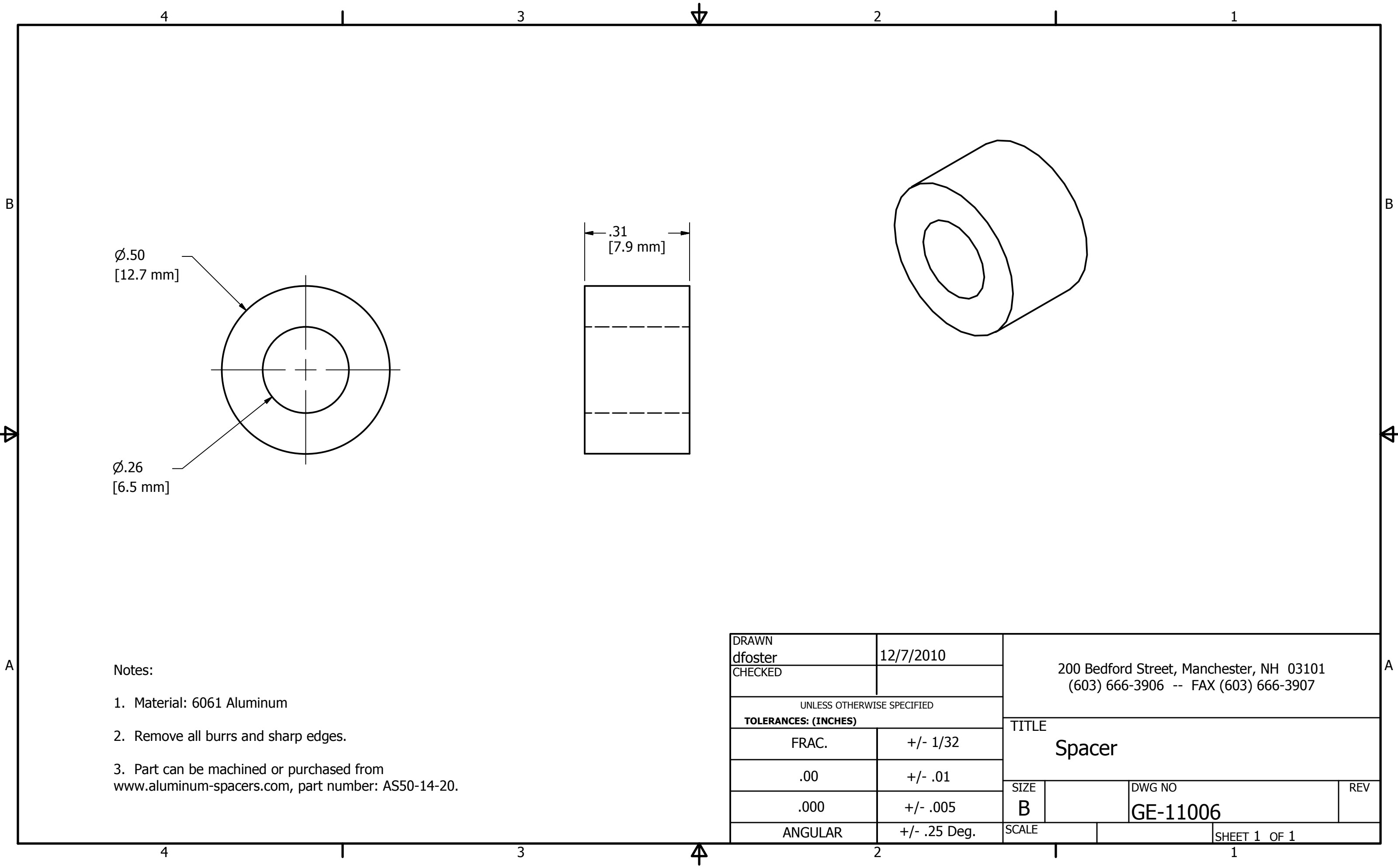
( Ø1.05  
[26.6 mm]  
REF

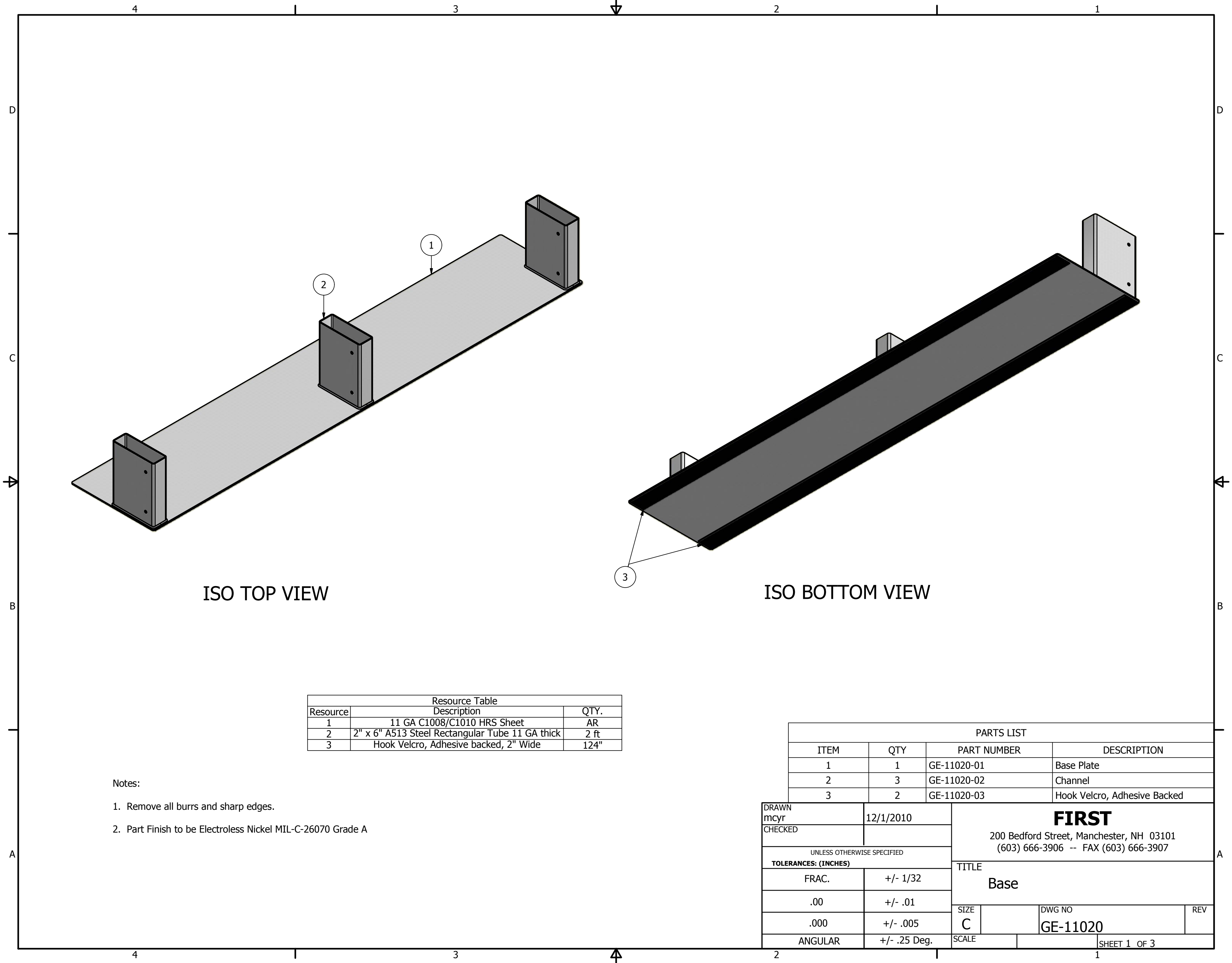
16.00  
[406.4 mm]

Holes to be drilled after welding

**Item:** 1, GE-11005-04, Inner Pipe  
**Resource:** 2  
**Scale:** 1/2  
**QTY:** 1

DRAWN dfoster	11/22/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE Post 4			
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005	SIZE B		DWG NO GE-11005	REV
ANGULAR	+/- .25 Deg.	SCALE		SHEET 3 OF 3	





ISO TOP VIEW

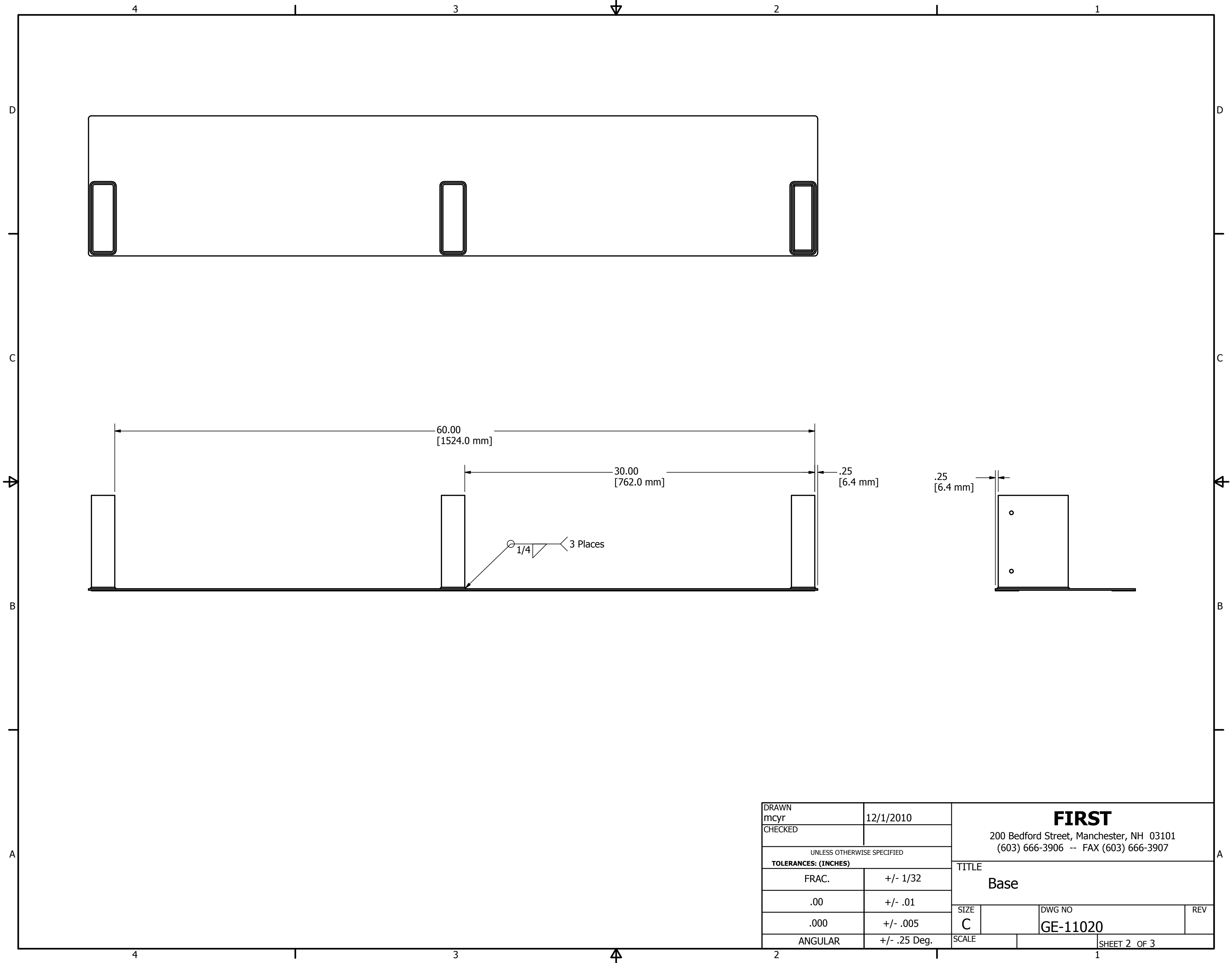
ISO BOTTOM VIEW

Resource Table		
Resource	Description	QTY.
1	11 GA C1008/C1010 HRS Sheet	AR
2	2" x 6" A513 Steel Rectangular Tube 11 GA thick	2 ft
3	Hook Velcro, Adhesive backed, 2" Wide	124"

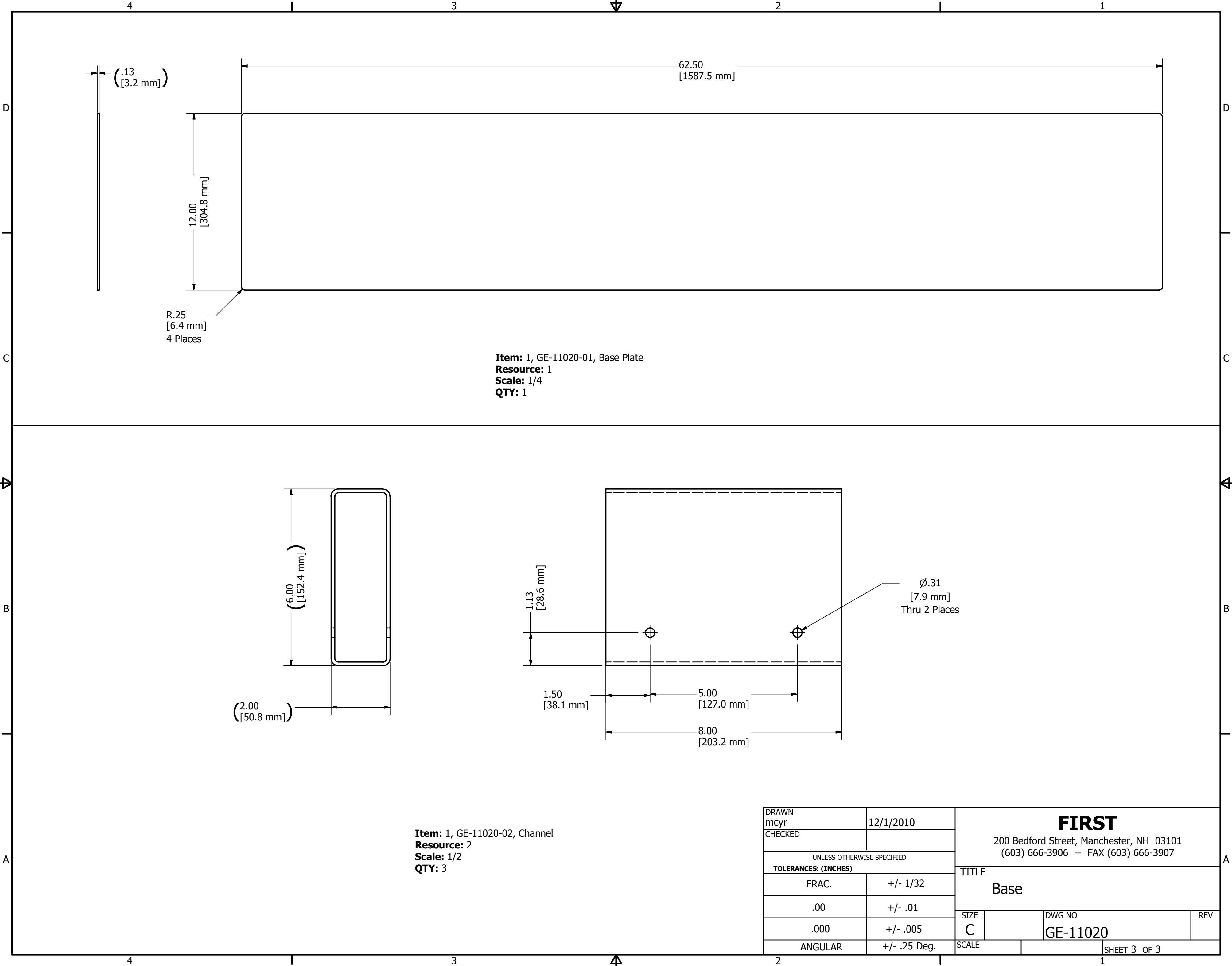
- Notes:
- 1. Remove all burrs and sharp edges.
  - 2. Part Finish to be Electroless Nickel MIL-C-26070 Grade A

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11020-01	Base Plate
2	3	GE-11020-02	Channel
3	2	GE-11020-03	Hook Velcro, Adhesive Backed

DRAWN mcyr		12/1/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Base</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11020		
				SCALE		SHEET 1 OF 3	



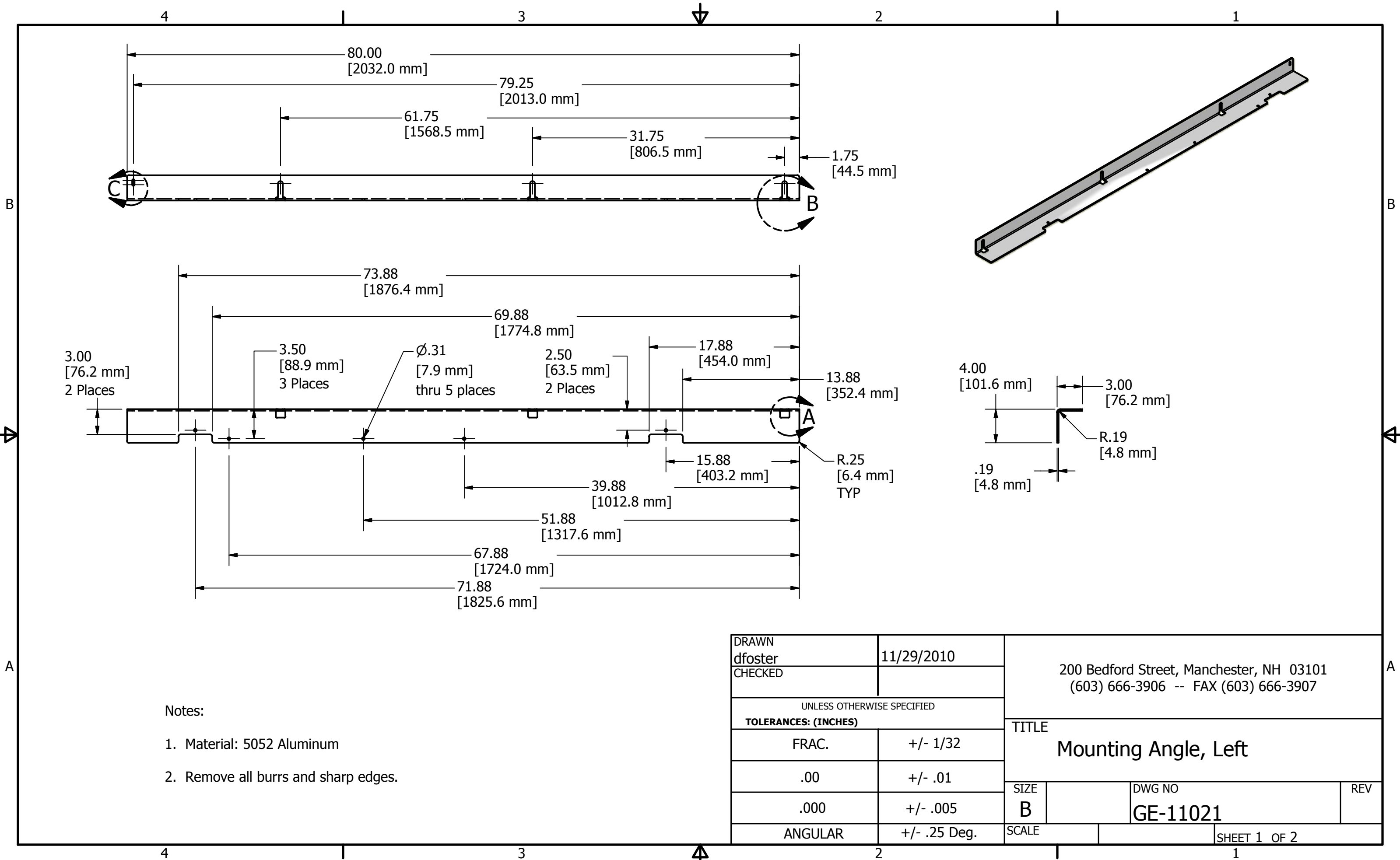
DRAWN mcy CHECKED		12/1/2010	<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>			TITLE  Base			
FRAC.		+/- 1/32				
.00		+/- .01	SIZE C			
.000		+/- .005				
ANGULAR		+/- .25 Deg.	SCALE			REV
					SHEET 2 OF 3	



**Item:** 1, GE-11020-01, Base Plate  
**Resource:** 1  
**Scale:** 1/4  
**QTY:** 1

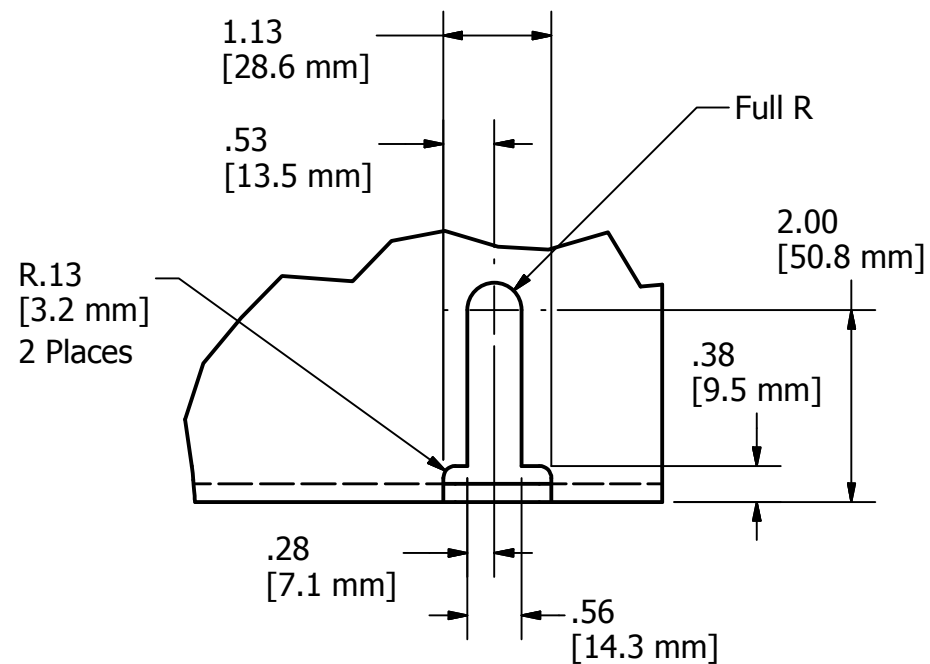
**Item:** 1, GE-11020-02, Channel  
**Resource:** 2  
**Scale:** 1/2  
**QTY:** 3

DRAWN mcyr		12/1/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Base</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11020		
				SCALE		SHEET 3 OF 3	



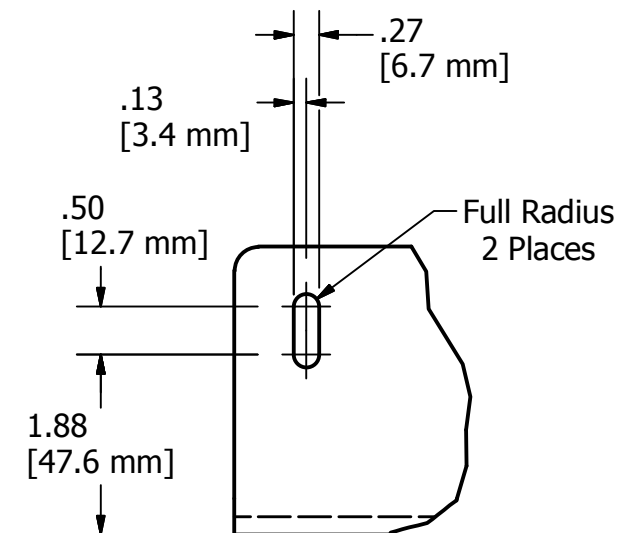
- Notes:
- 1. Material: 5052 Aluminum
  - 2. Remove all burrs and sharp edges.

DRAWN dfoster		11/29/2010		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE  Mounting Angle, Left			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	
				DWG NO GE-11021		REV	

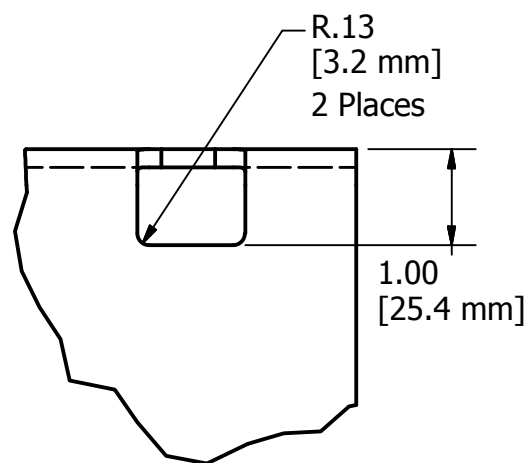


Note: Dimensions typical for all three slots.

DETAIL B  
SCALE 1 / 2



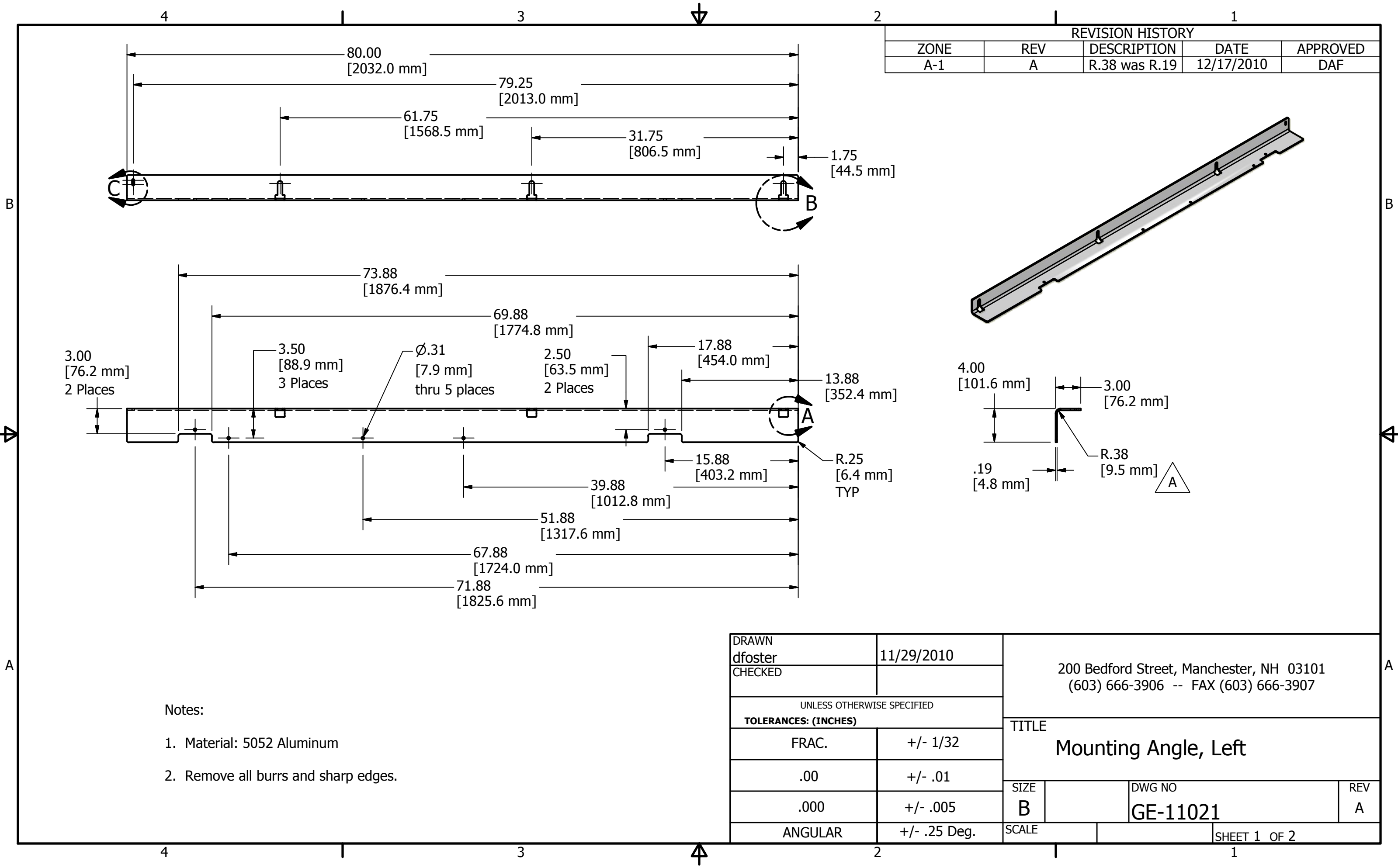
DETAIL C  
SCALE 1 / 2



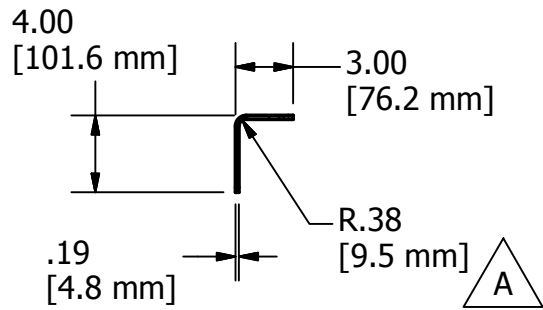
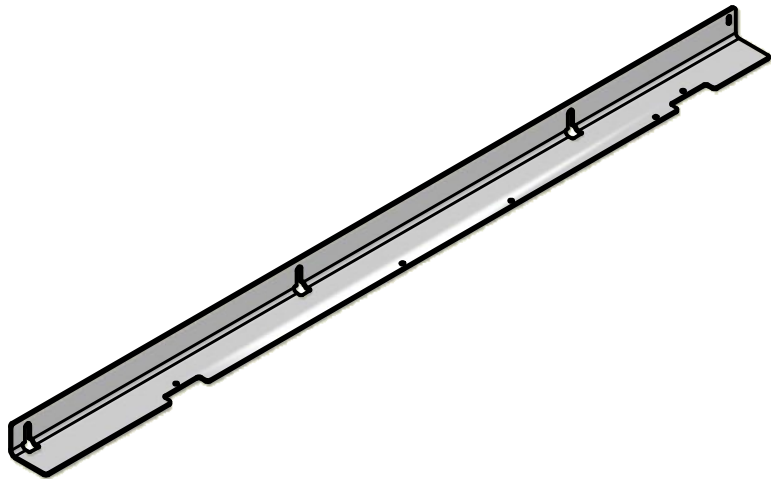
Note: Dimensions typical for all three slots.

DETAIL A  
SCALE 1 / 2

DRAWN dfoster	11/29/2010	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Mounting Angle, Left			
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005	SIZE B	DWG NO GE-11021	REV	
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 2		

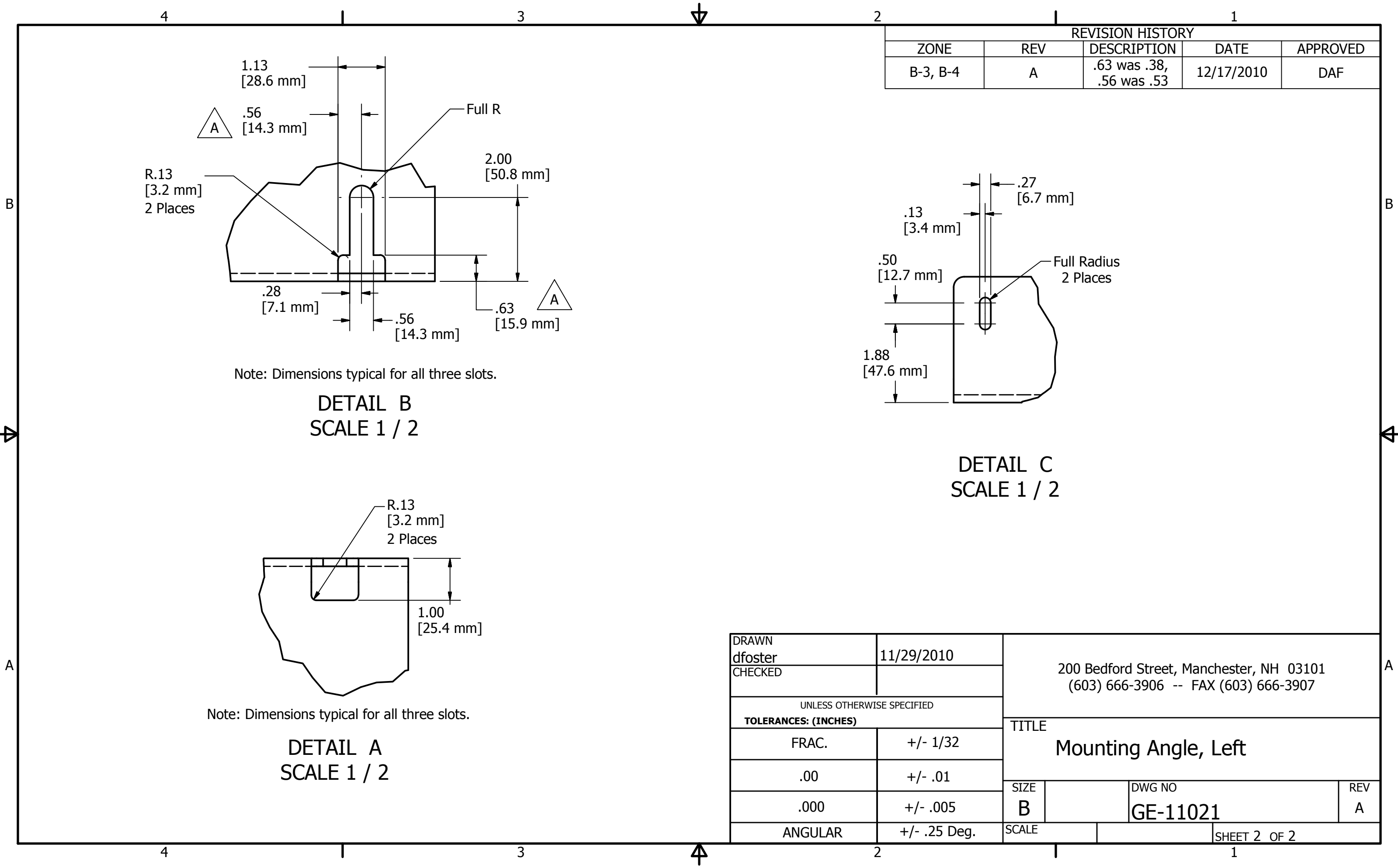


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A-1	A	R.38 was R.19	12/17/2010	DAF



- Notes:
1. Material: 5052 Aluminum
  2. Remove all burrs and sharp edges.

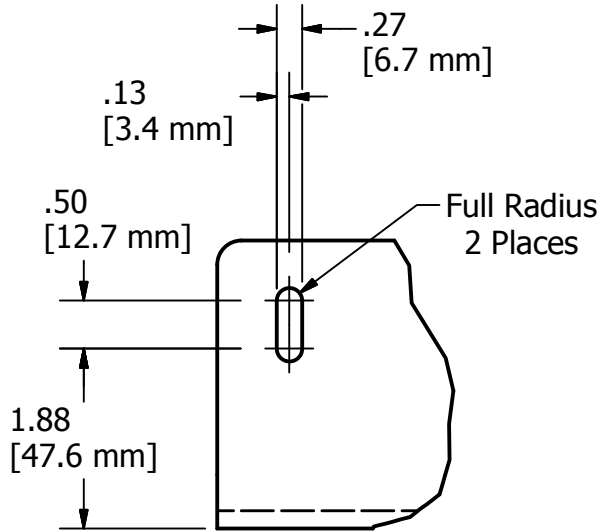
DRAWN dfoster		11/29/2010		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE  Mounting Angle, Left			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	
				DWG NO GE-11021		REV A	



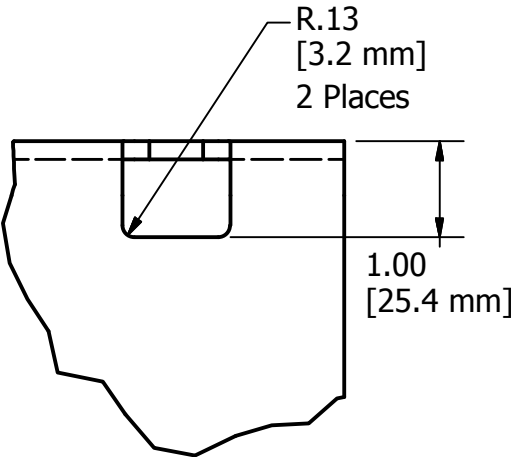
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B-3, B-4	A	.63 was .38, .56 was .53	12/17/2010	DAF

Note: Dimensions typical for all three slots.

DETAIL B  
SCALE 1 / 2



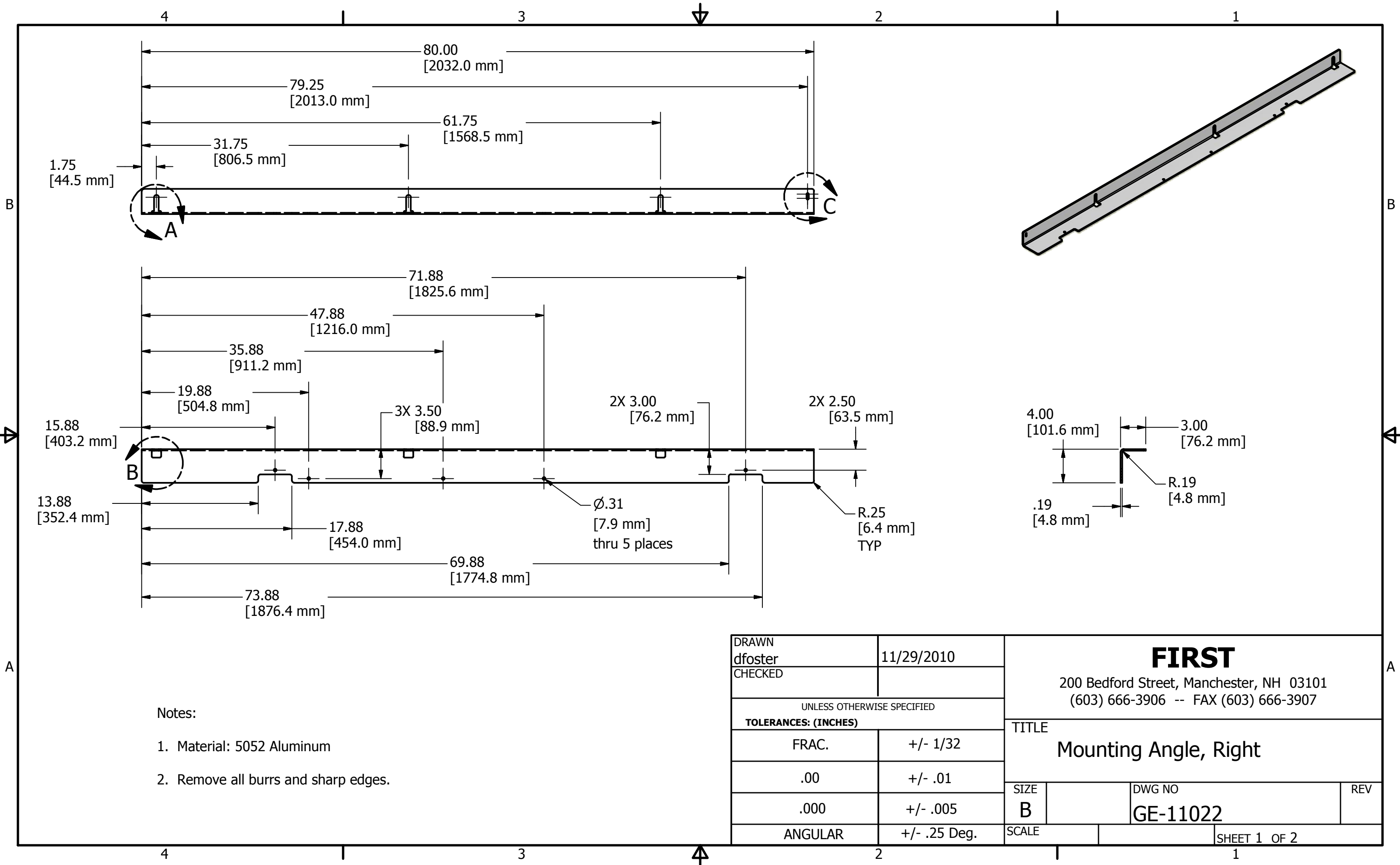
DETAIL C  
SCALE 1 / 2



Note: Dimensions typical for all three slots.

DETAIL A  
SCALE 1 / 2

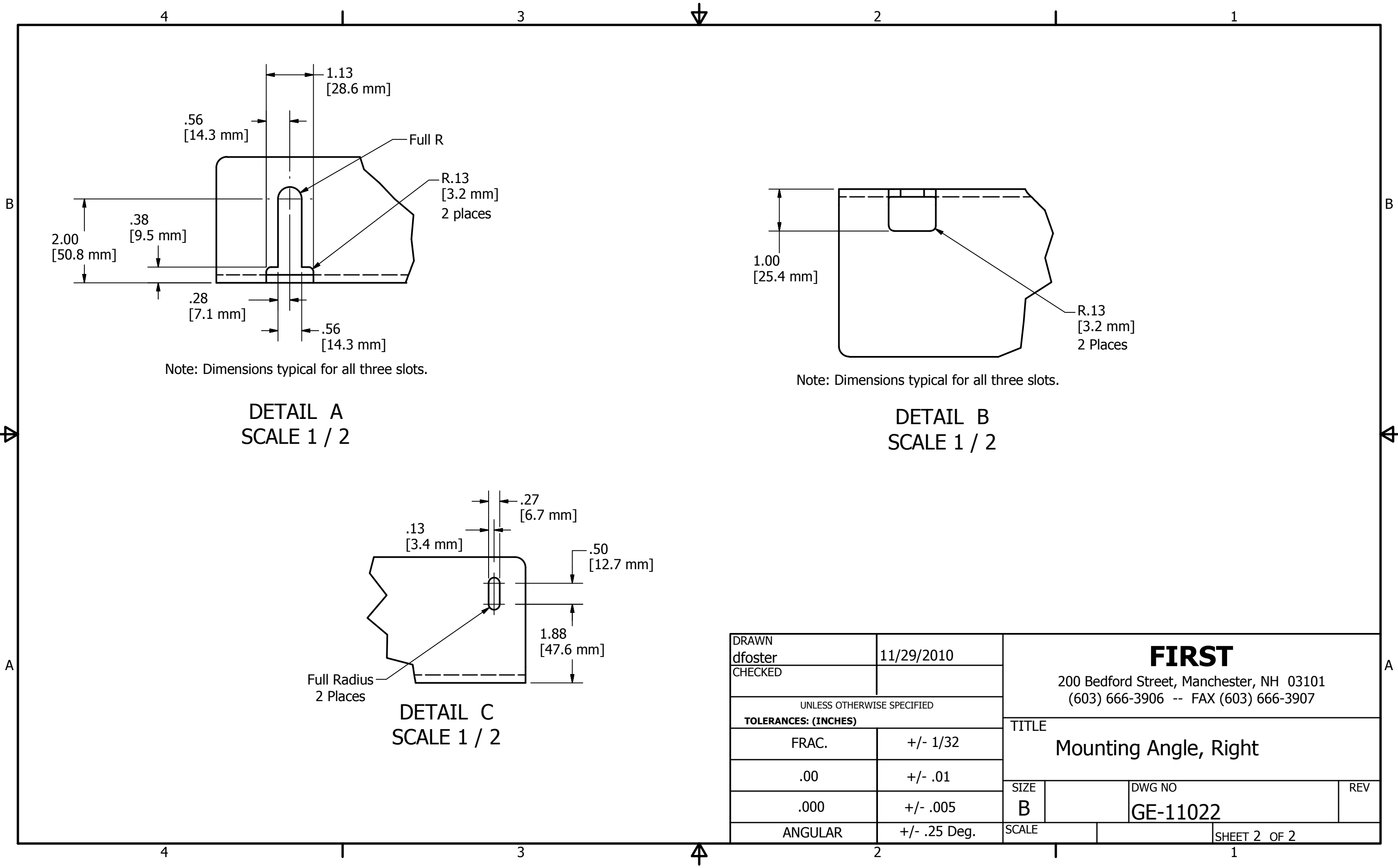
DRAWN dfoster	11/29/2010	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED		TITLE Mounting Angle, Left		
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32			
.00	+/- .01	SIZE B		
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO GE-11021	REV A
		SHEET 2 OF 2		

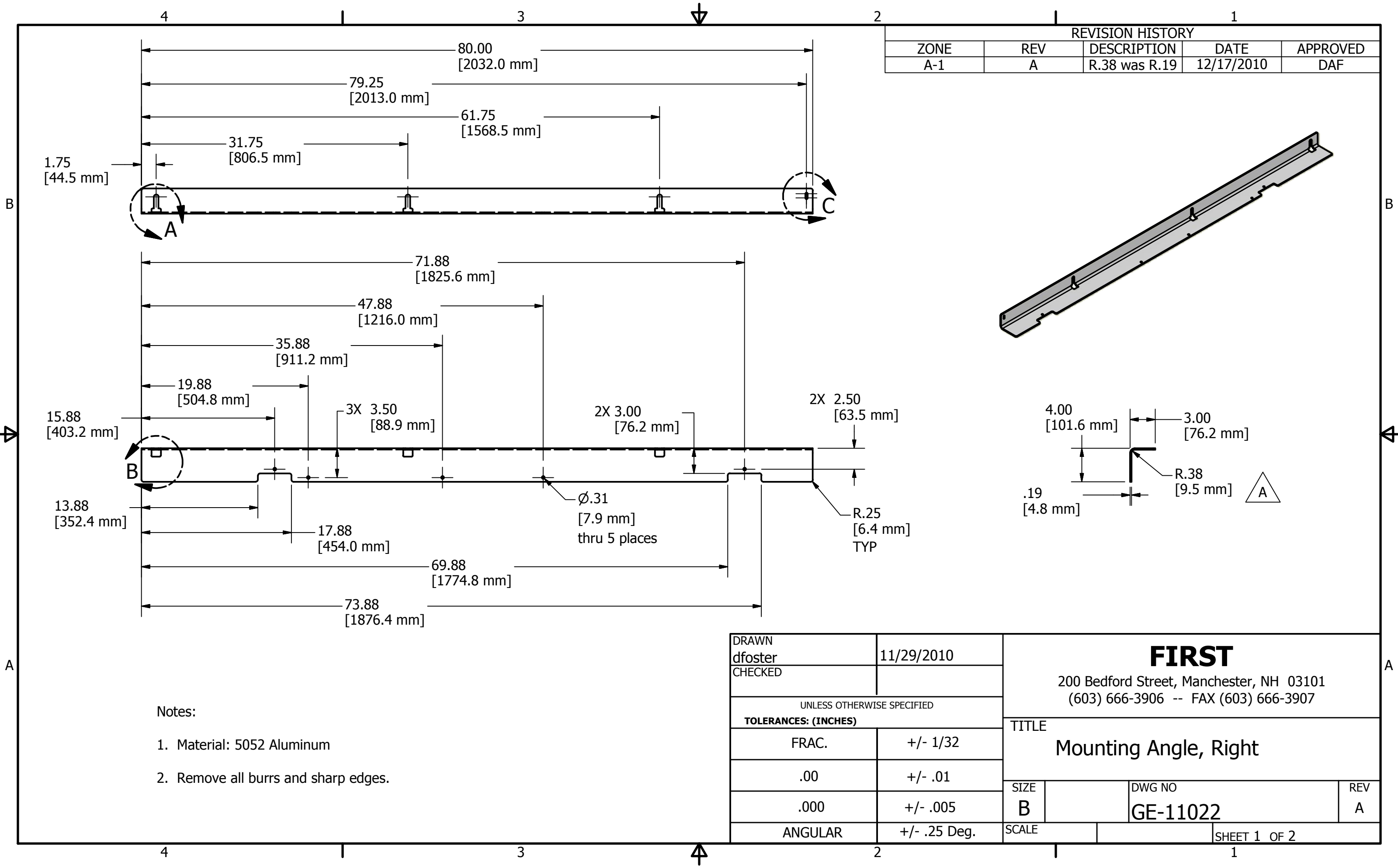


Notes:

- 1. Material: 5052 Aluminum
- 2. Remove all burrs and sharp edges.

DRAWN dfoster		11/29/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Mounting Angle, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		<div>SIZE</div> <div>B</div> <div>DWG NO</div> <div>GE-11022</div> <div>REV</div>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
		SCALE				SHEET 1 OF 2	





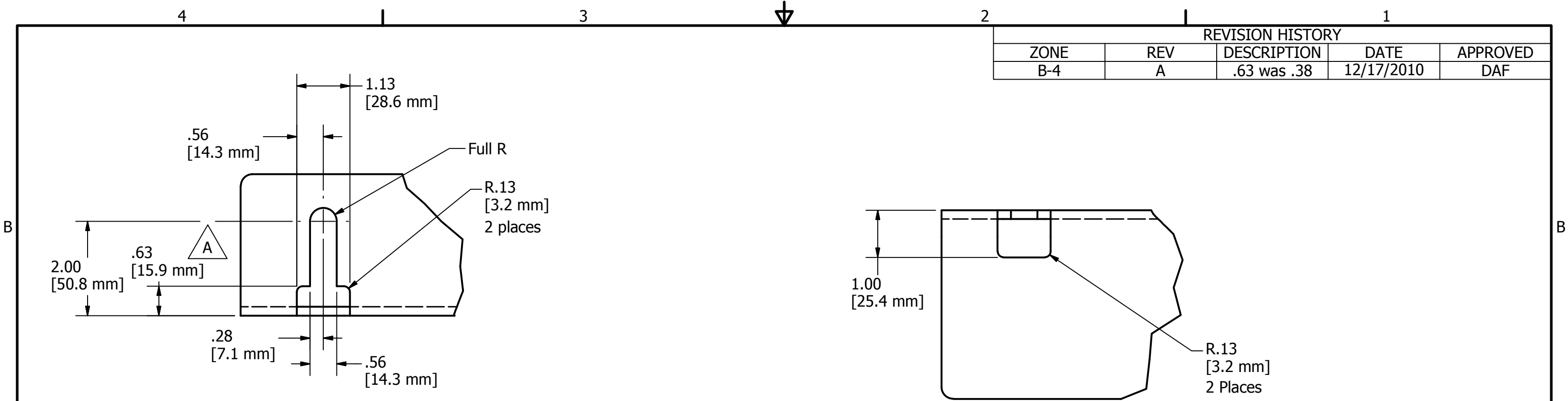
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A-1	A	R.38 was R.19	12/17/2010	DAF

Notes:

1. Material: 5052 Aluminum
2. Remove all burrs and sharp edges.

DRAWN dfoster		11/29/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Mounting Angle, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		<div>SIZE</div> <div>B</div> <div>DWG NO</div> <div>GE-11022</div> <div>REV</div> <div>A</div>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B-4	A	.63 was .38	12/17/2010	DAF

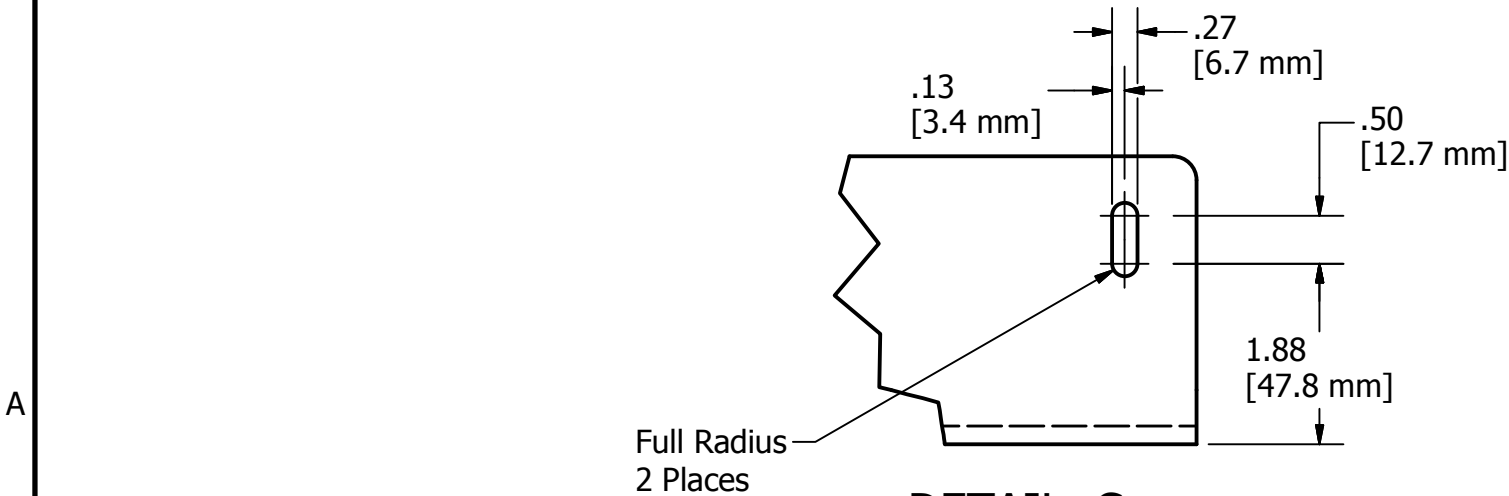


Note: Dimensions typical for all three slots.

DETAIL A  
SCALE 1 / 2

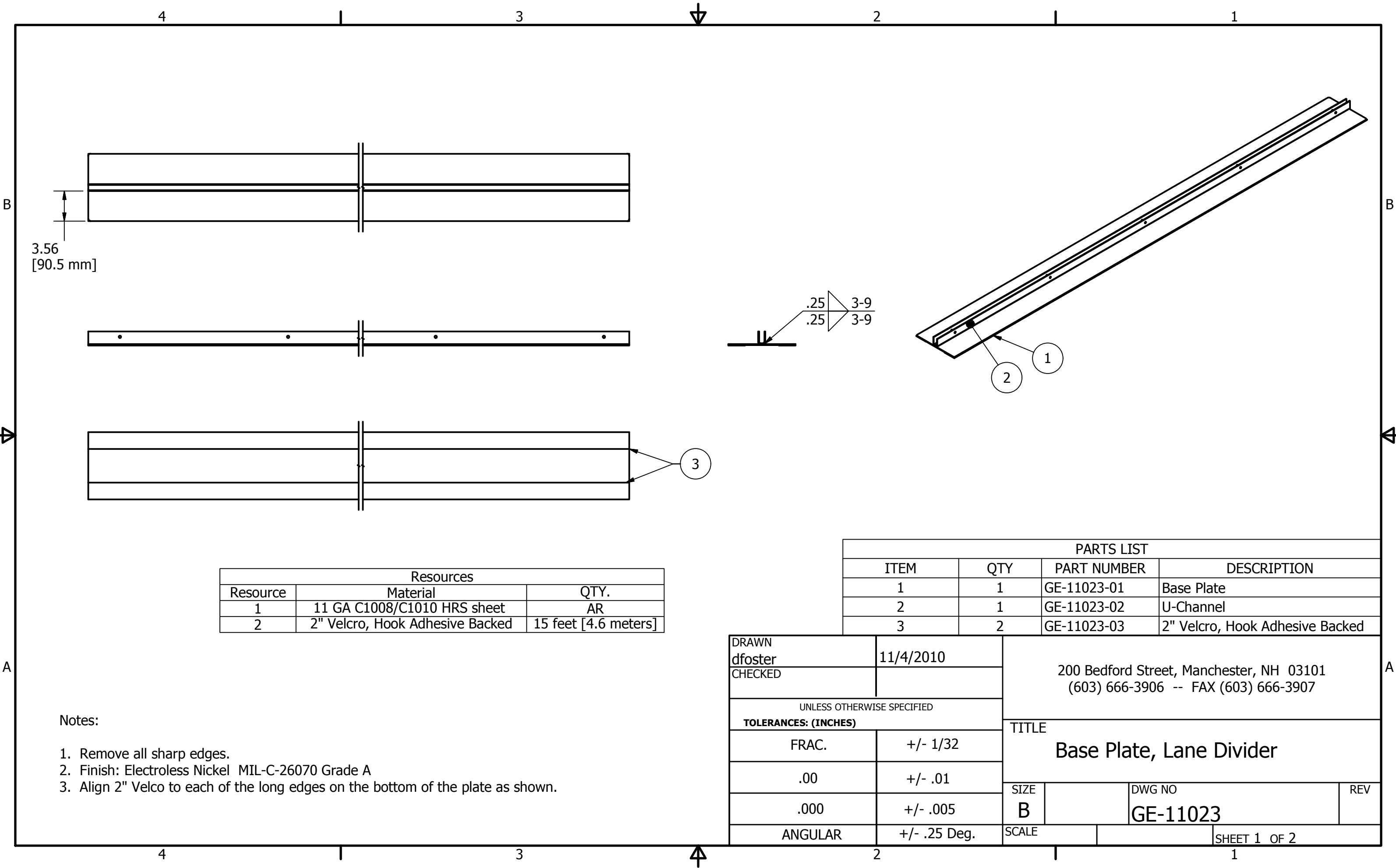
Note: Dimensions typical for all three slots.

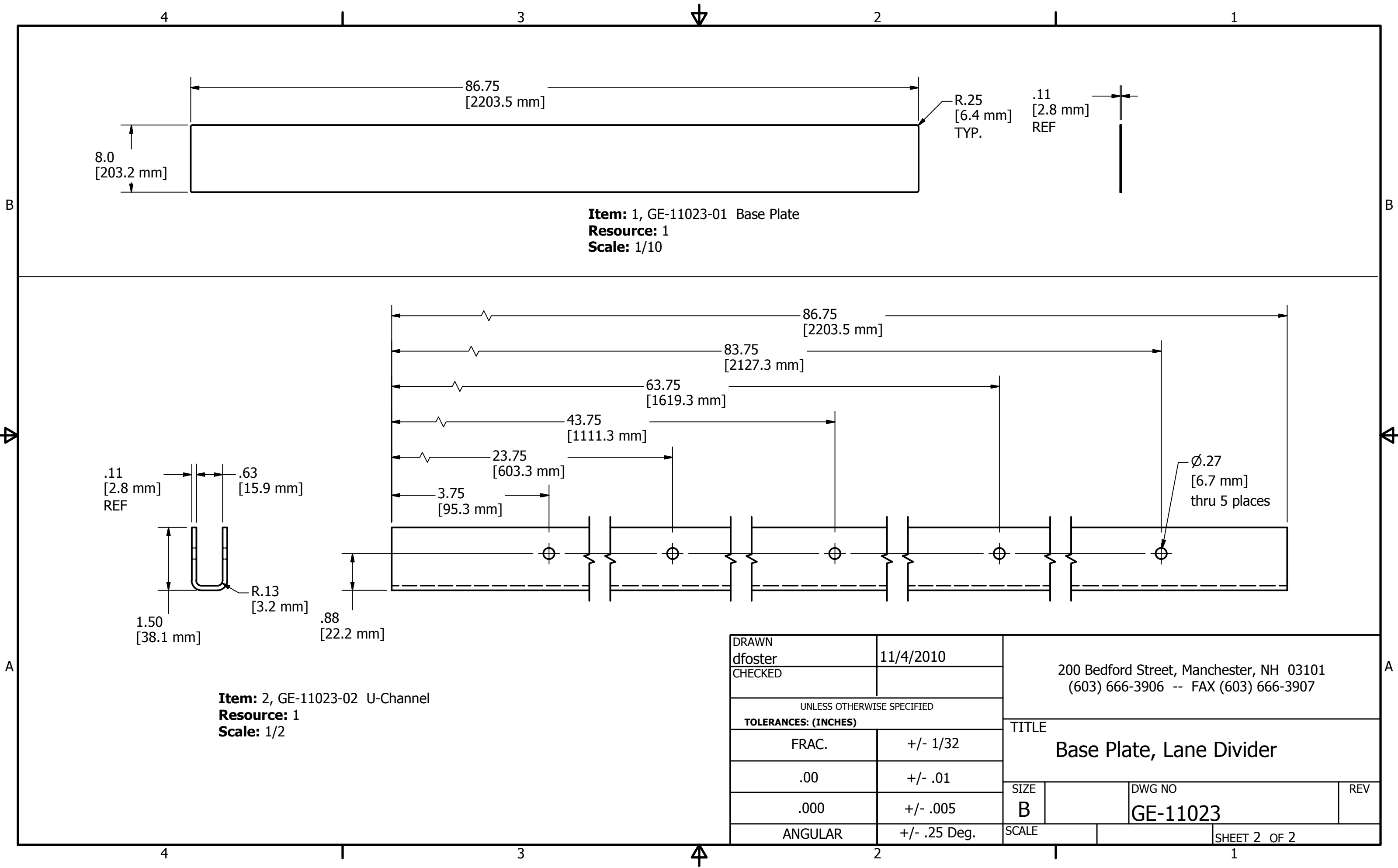
DETAIL B  
SCALE 1 / 2

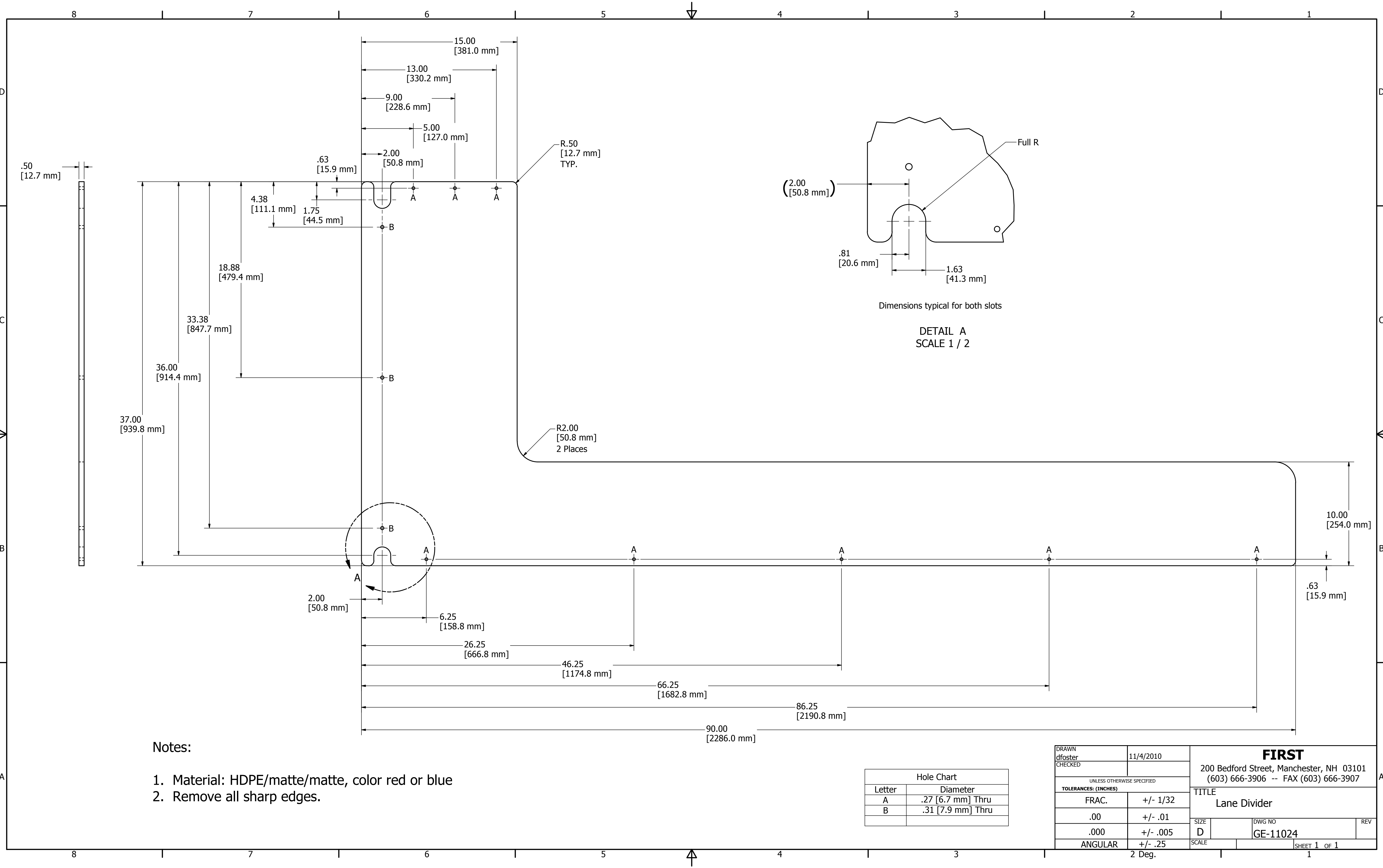


DETAIL C  
SCALE 1 / 2

DRAWN dfoster	11/29/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Mounting Angle, Right		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE B	DWG NO GE-11022	REV A
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 2	



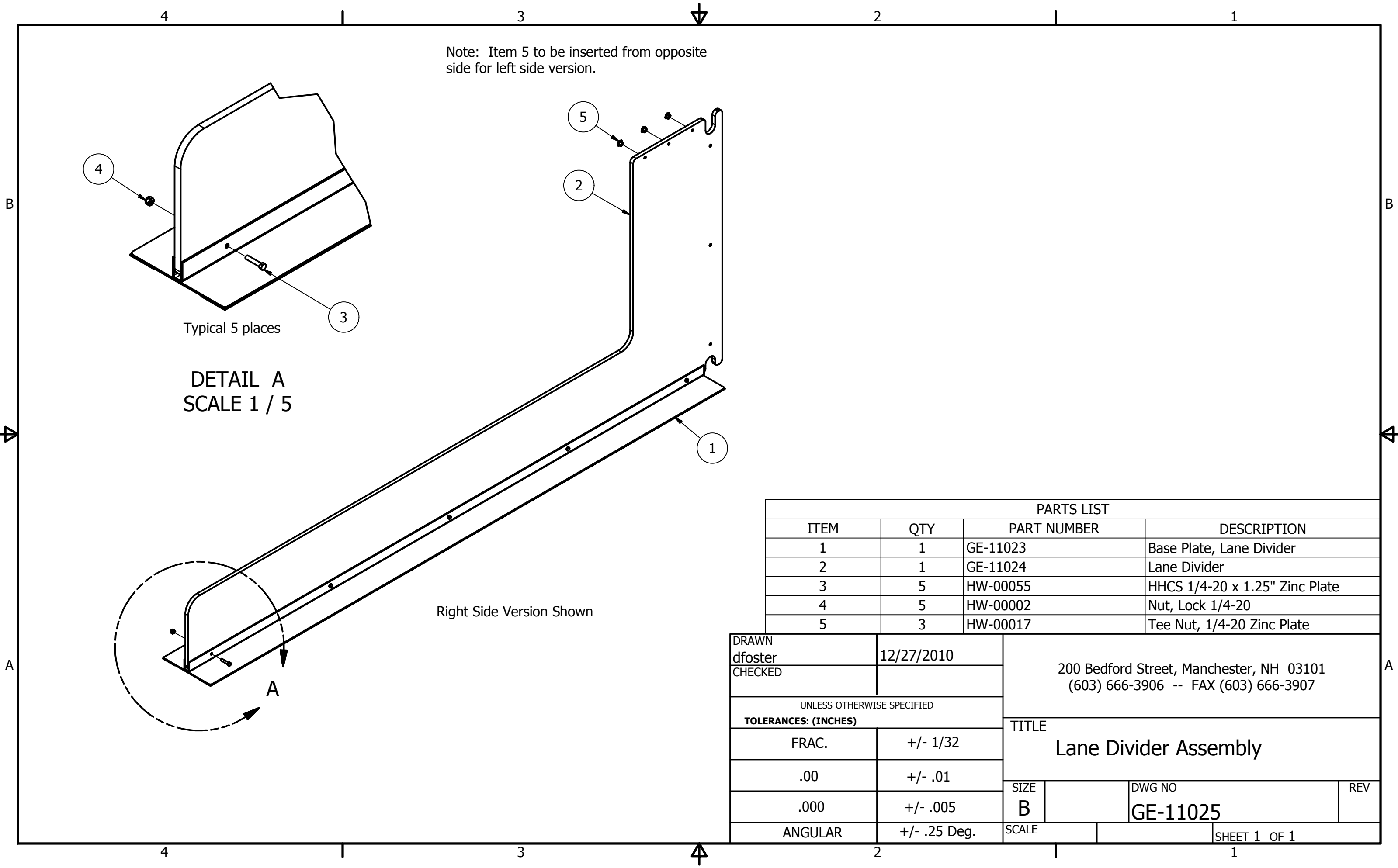




- Notes:
- 1. Material: HDPE/matte/matte, color red or blue
  - 2. Remove all sharp edges.

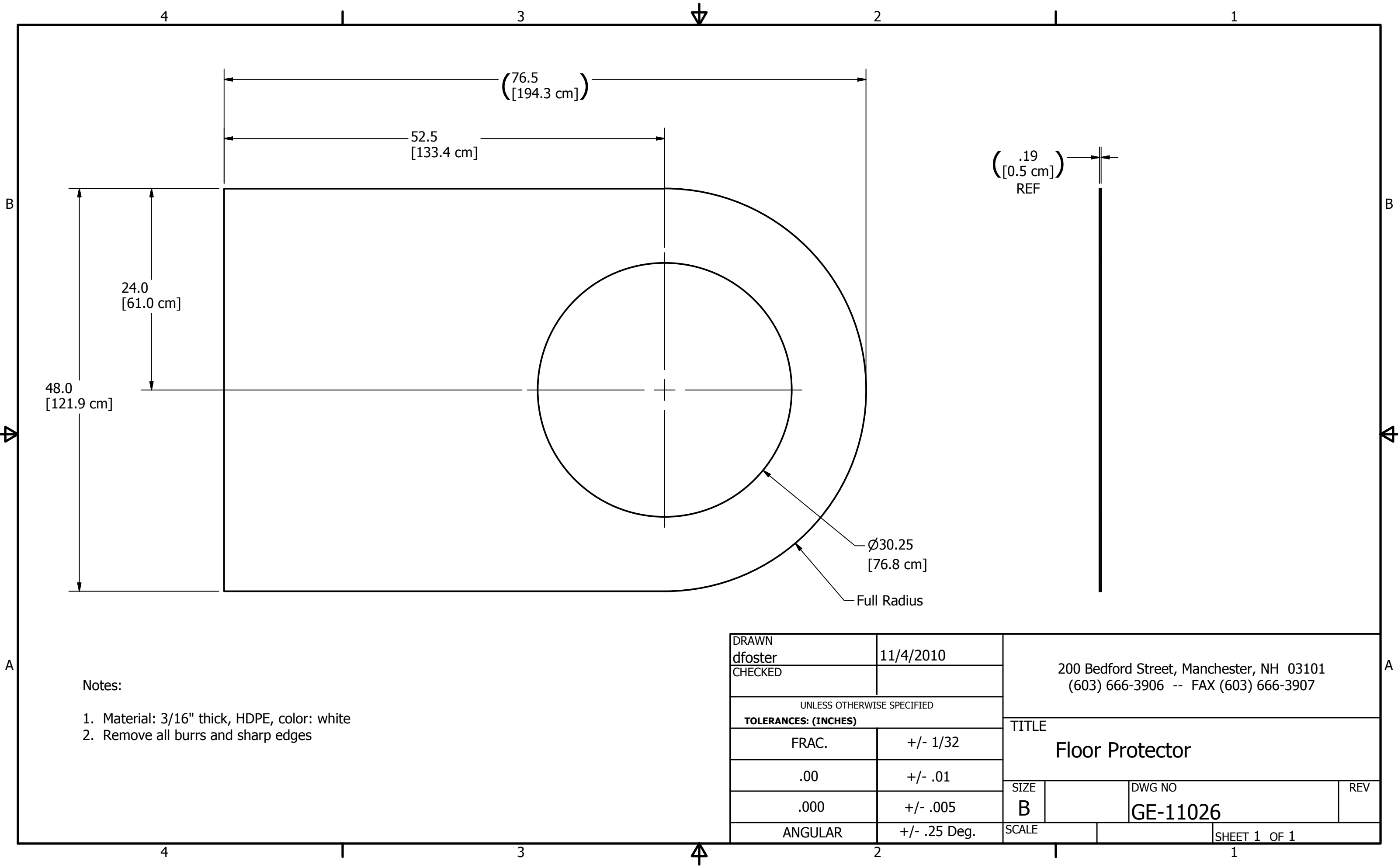
Hole Chart	
Letter	Diameter
A	.27 [6.7 mm] Thru
B	.31 [7.9 mm] Thru

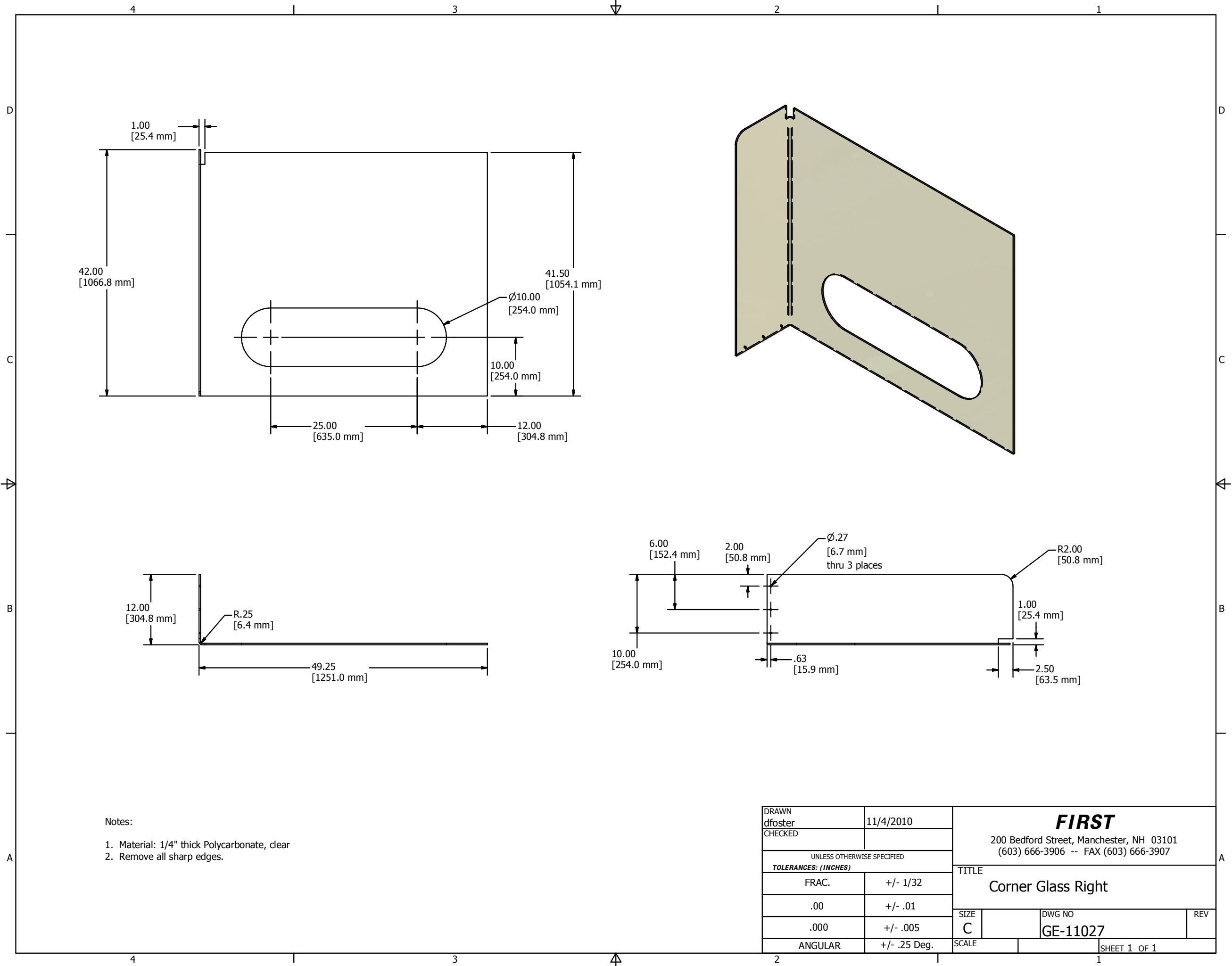
DRAWN dfoster		11/4/2010		<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED						
UNLESS OTHERWISE SPECIFIED				TITLE Lane Divider		
TOLERANCES: (INCHES)						
FRAC.		+/- 1/32		SIZE D	DWG NO GE-11024	REV
.00		+/- .01				
.000		+/- .005				
ANGULAR		+/- .25		SCALE		SHEET 1 OF 1

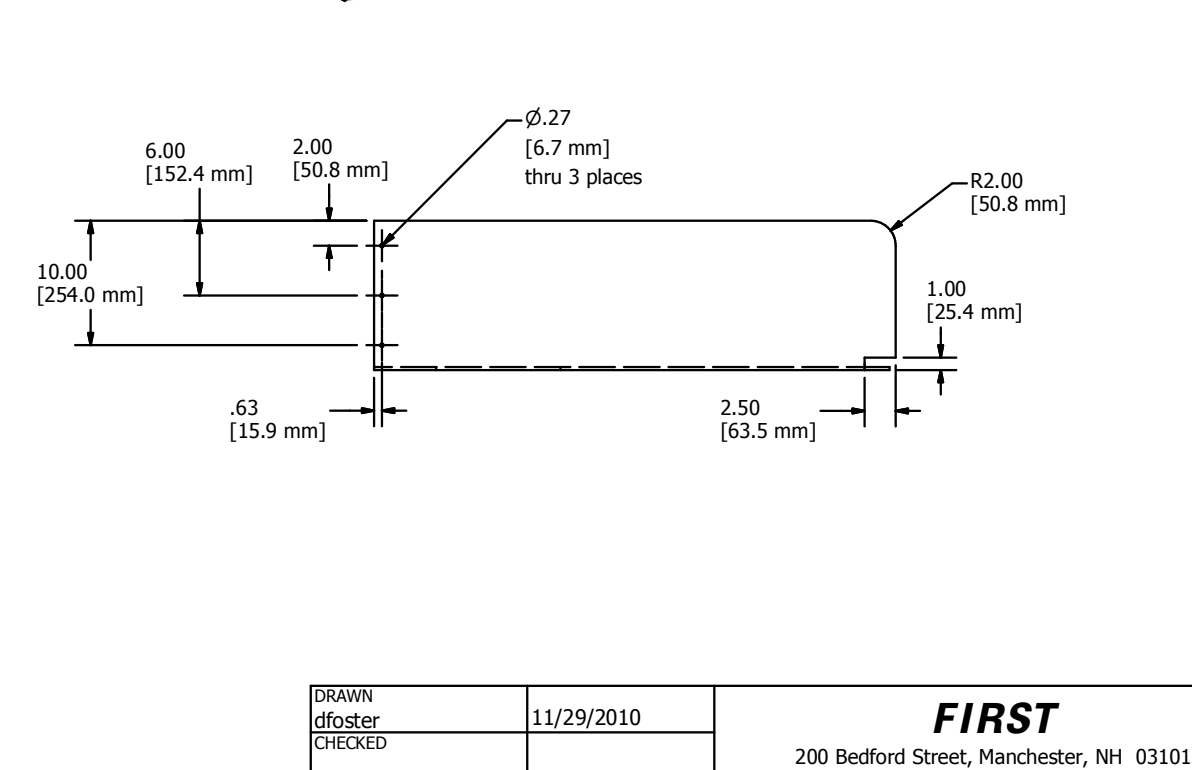
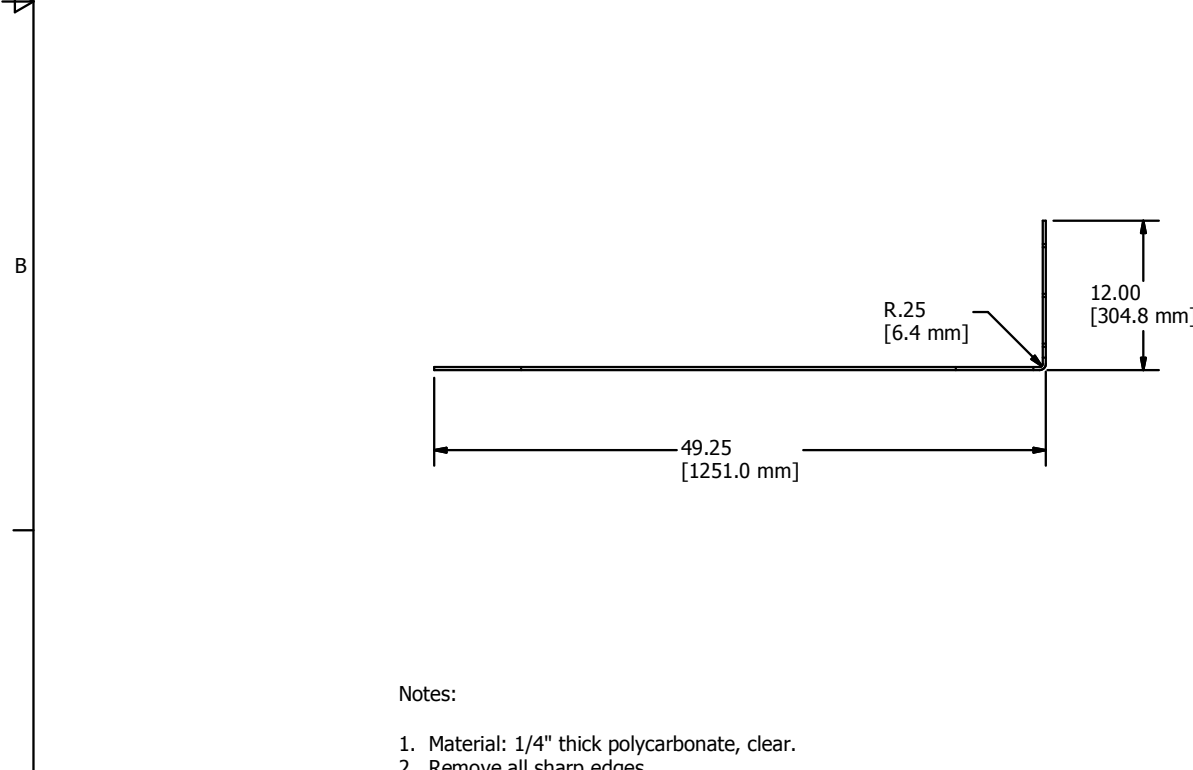
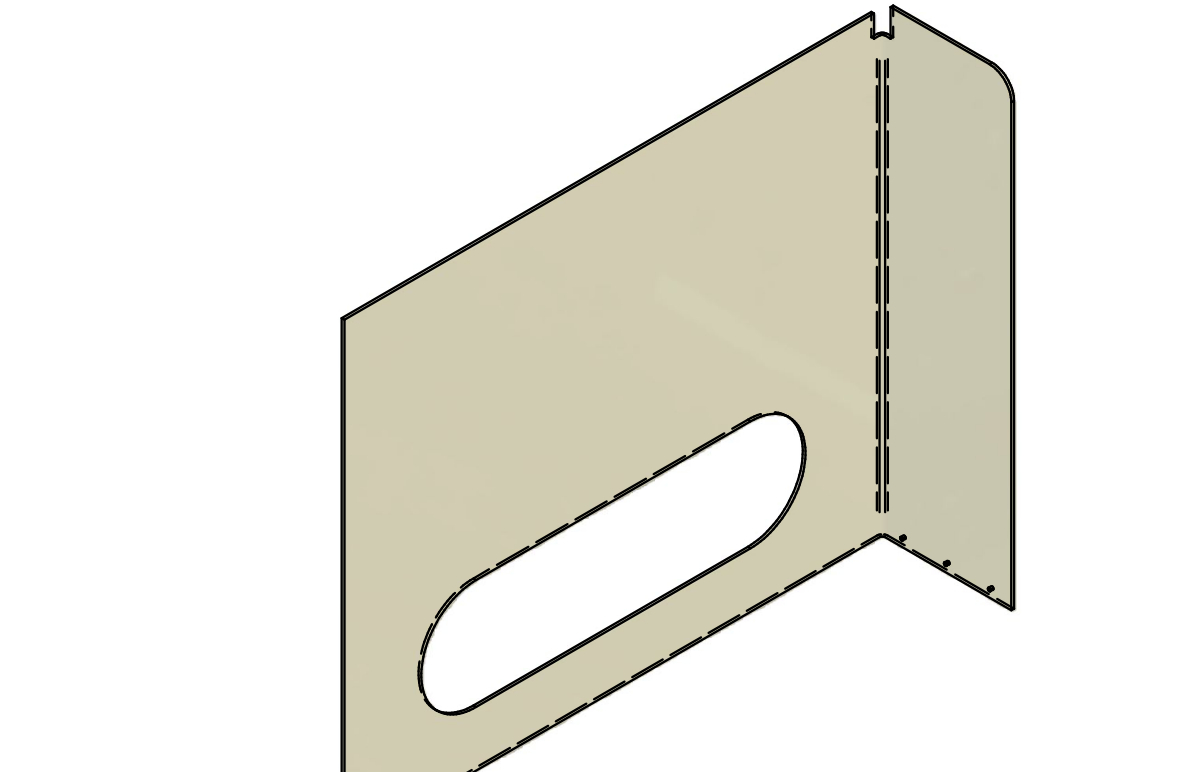
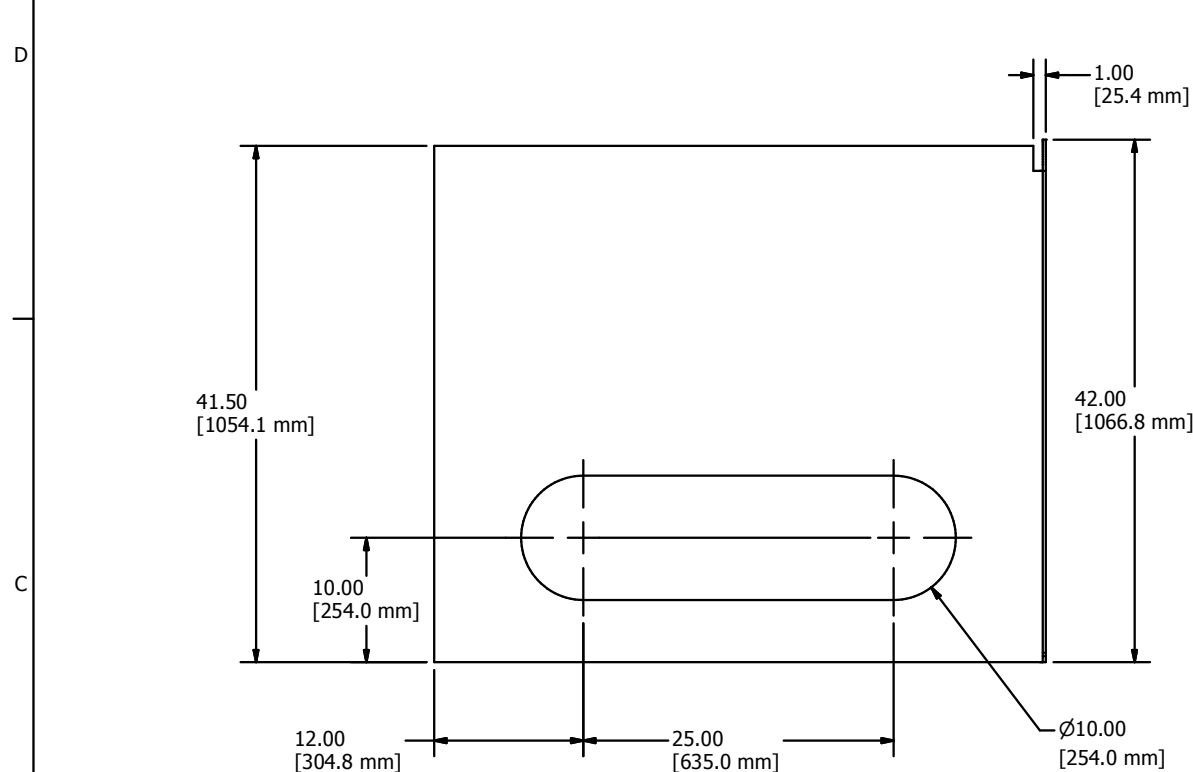


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11023	Base Plate, Lane Divider
2	1	GE-11024	Lane Divider
3	5	HW-00055	HHCS 1/4-20 x 1.25" Zinc Plate
4	5	HW-00002	Nut, Lock 1/4-20
5	3	HW-00017	Tee Nut, 1/4-20 Zinc Plate

DRAWN dfoster		12/27/2010		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE  Lane Divider Assembly			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	
				DWG NO GE-11025		REV	

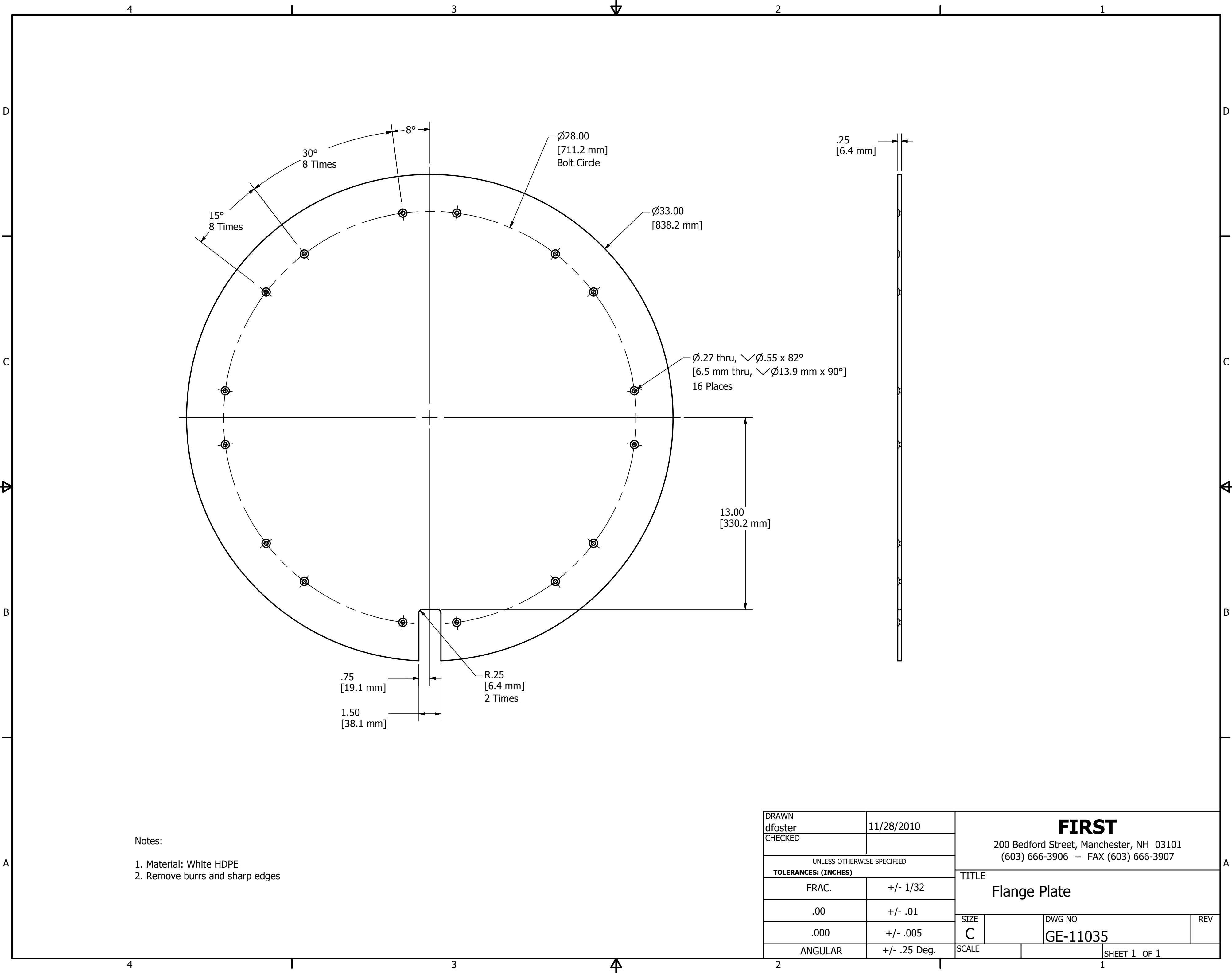




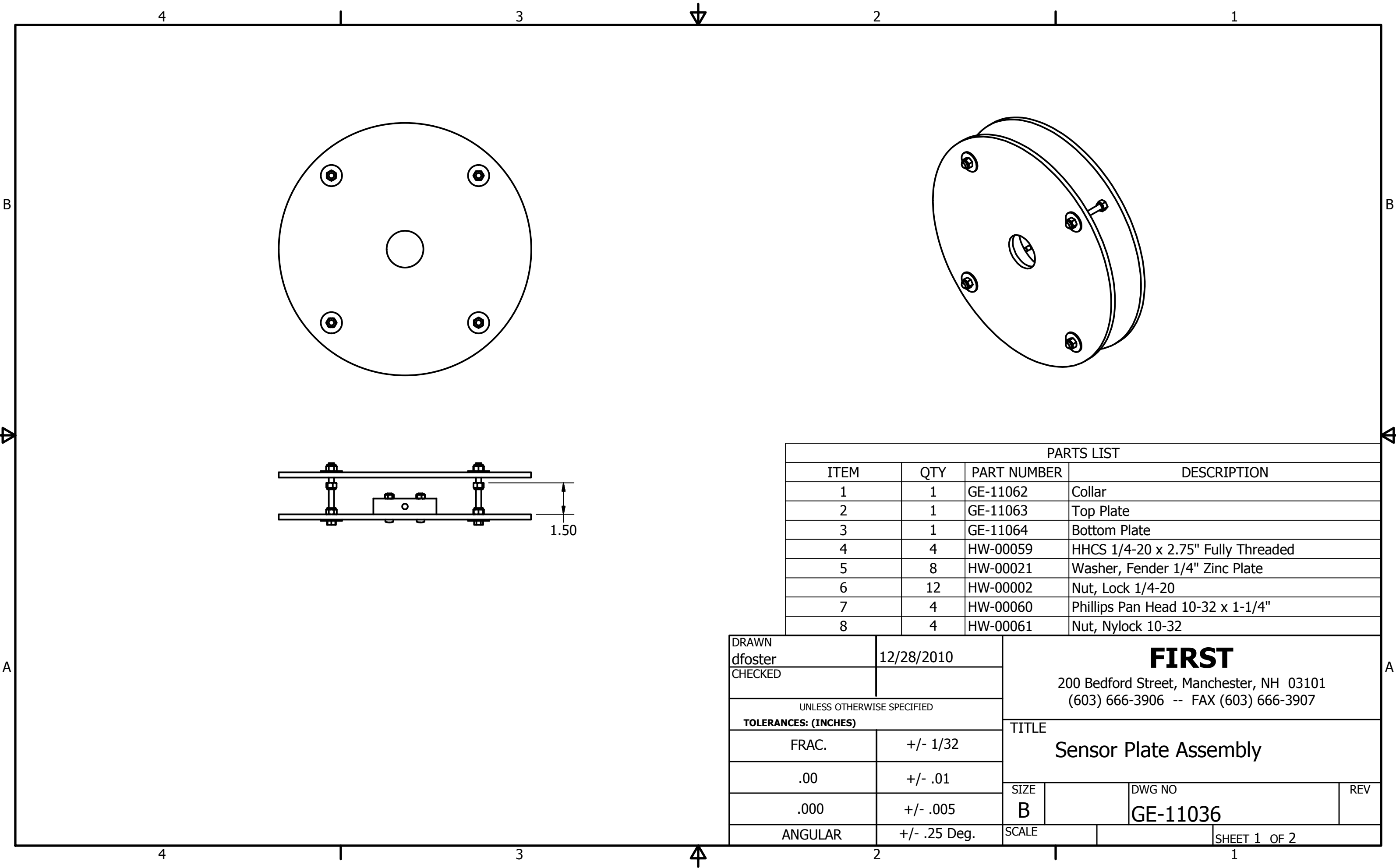


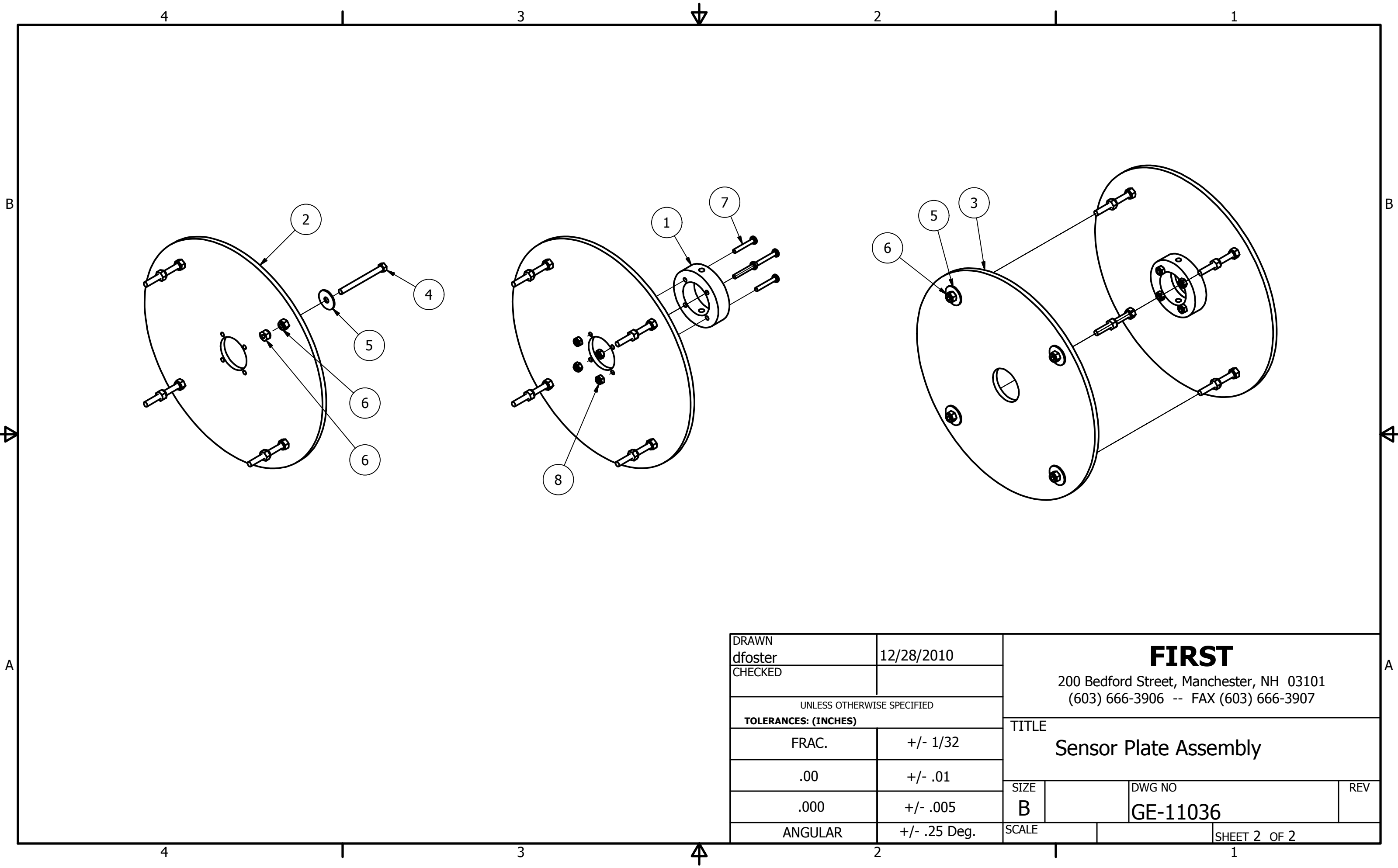
- Notes:
1. Material: 1/4" thick polycarbonate, clear.
  2. Remove all sharp edges.

DRAWN dfoster		11/29/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>					
CHECKED									
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Corner Glass Left</div>					
TOLERANCES: (INCHES)									
FRAC.		+/- 1/32							
.00		+/- .01							
.000		+/- .005		SIZE		DWG NO		REV	
ANGULAR		+/- .25 Deg.		C		GE-11028			
SCALE						SHEET 1 OF 1			

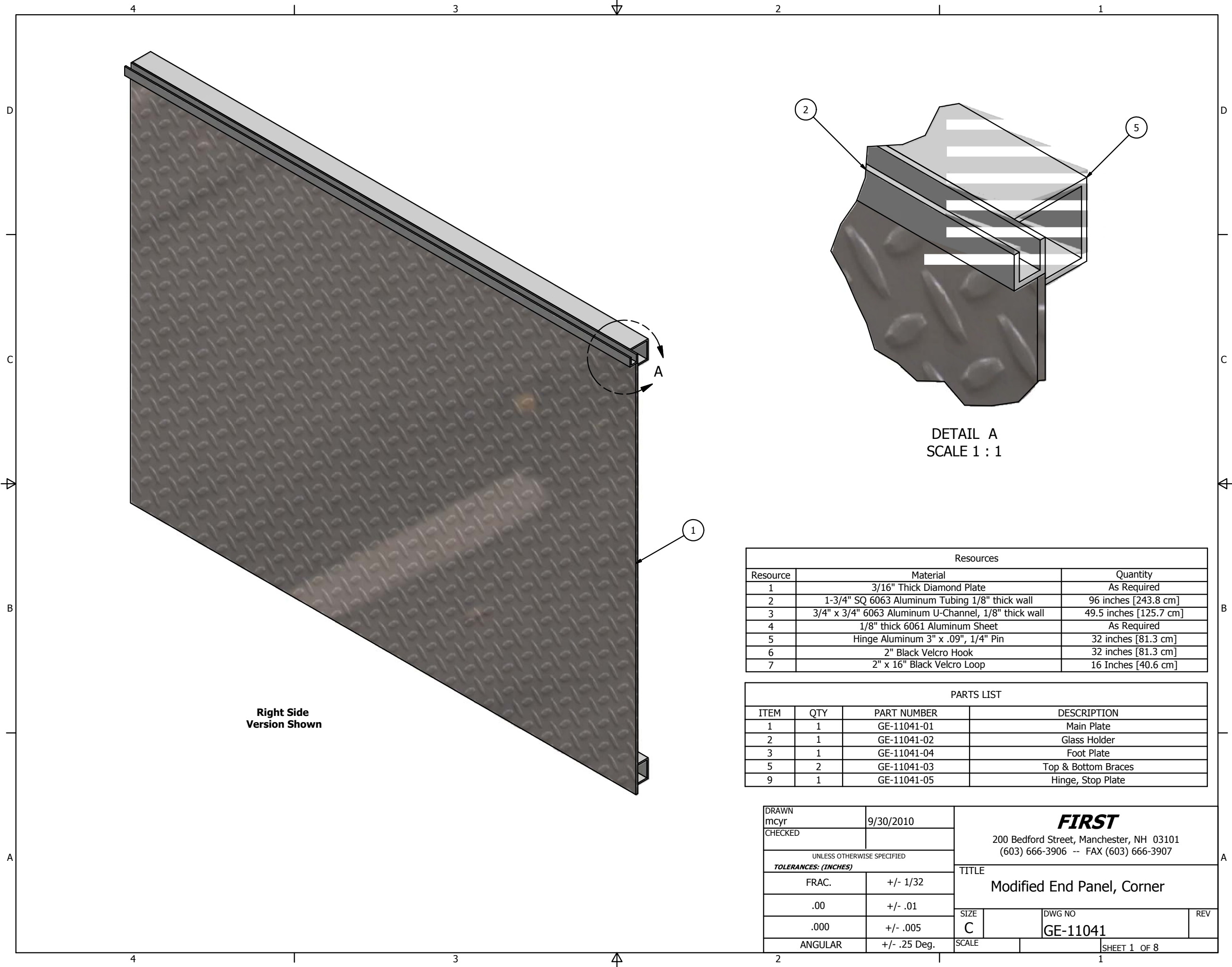


DRAWN dfoster		11/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Flange Plate</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11035	
				SCALE			SHEET 1 OF 1





DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Sensor Plate Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B <div>GE-11036</div>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				SCALE		SHEET 2 OF 2	



Resources		
Resource	Material	Quantity
1	3/16" Thick Diamond Plate	As Required
2	1-3/4" SQ 6063 Aluminum Tubing 1/8" thick wall	96 inches [243.8 cm]
3	3/4" x 3/4" 6063 Aluminum U-Channel, 1/8" thick wall	49.5 inches [125.7 cm]
4	1/8" thick 6061 Aluminum Sheet	As Required
5	Hinge Aluminum 3" x .09", 1/4" Pin	32 inches [81.3 cm]
6	2" Black Velcro Hook	32 inches [81.3 cm]
7	2" x 16" Black Velcro Loop	16 Inches [40.6 cm]

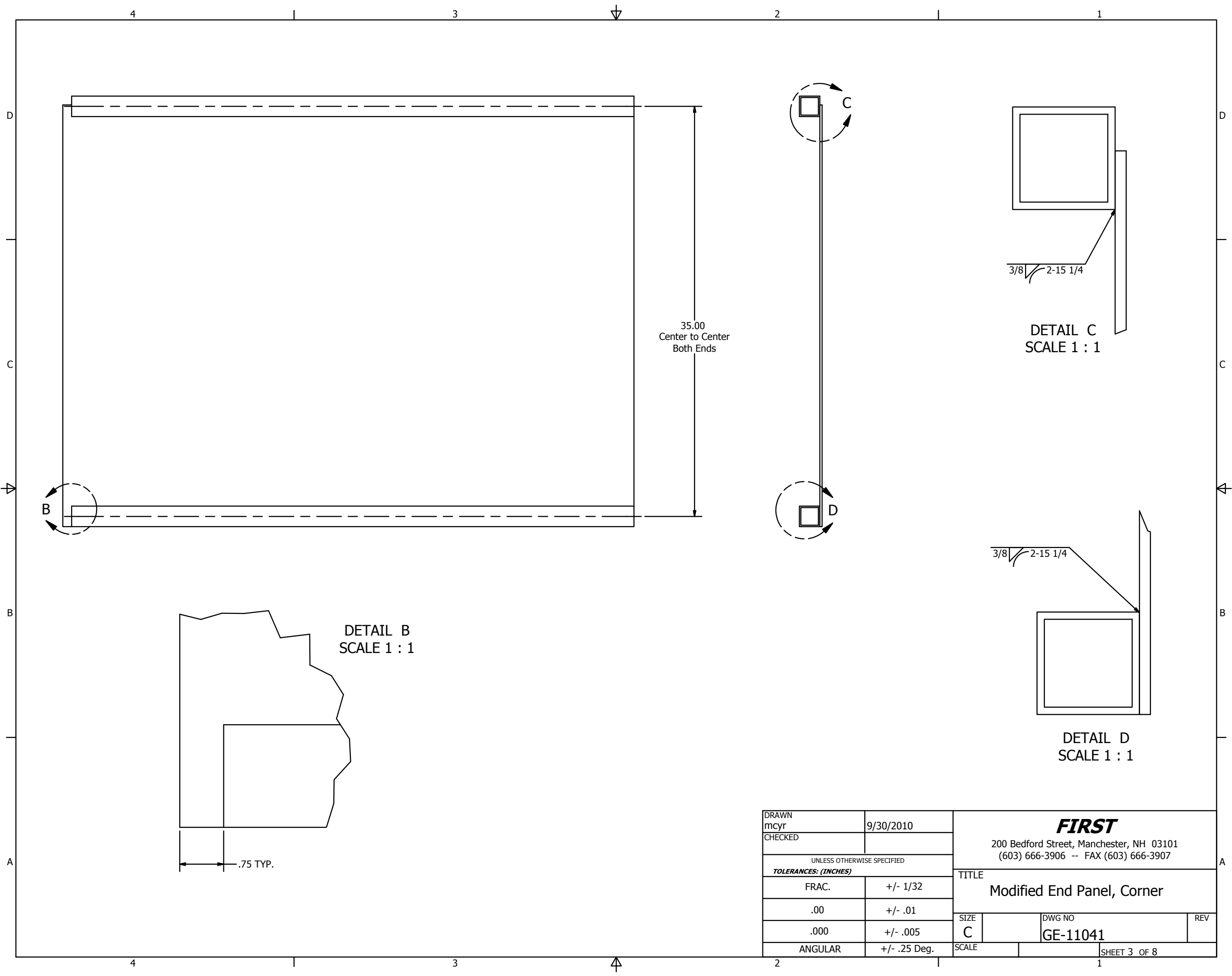
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11041-01	Main Plate
2	1	GE-11041-02	Glass Holder
3	1	GE-11041-04	Foot Plate
5	2	GE-11041-03	Top & Bottom Braces
9	1	GE-11041-05	Hinge, Stop Plate

DRAWN mcyr		9/30/2010		<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>				TITLE  Modified End Panel, Corner			
FRAC.		+/- 1/32					
.00		+/- .01		SIZE <b>C</b>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO <b>GE-11041</b>	
						REV	
						SHEET 1 OF 8	

## A photograph of a river scene with a bridge in the background, framed by a diamond-plate metal border. A black rectangular redaction box covers the lower center of the image. A ruler is visible at the bottom edge.

A photograph of a river scene with a bridge in the background, framed by a diamond-plate metal border. A black rectangular redaction box covers the lower center of the image. A ruler is visible at the bottom edge.

DRAWN mcy	9/30/2010	<div style="text-align: center;"> <h1><i><b>FIRST</b></i></h1> <p>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</p> </div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED <i><b>TOLERANCES: (INCHES)</b></i>					
FRAC.	+/- 1/32	<div style="text-align: center;"> <h2>TITLE</h2> <h1>Modified End Panel, Corner</h1> </div>			
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SIZE <b>C</b>		DWG NO <b>GE-11041</b>	REV
		SCALE		SHEET 2 OF 8	

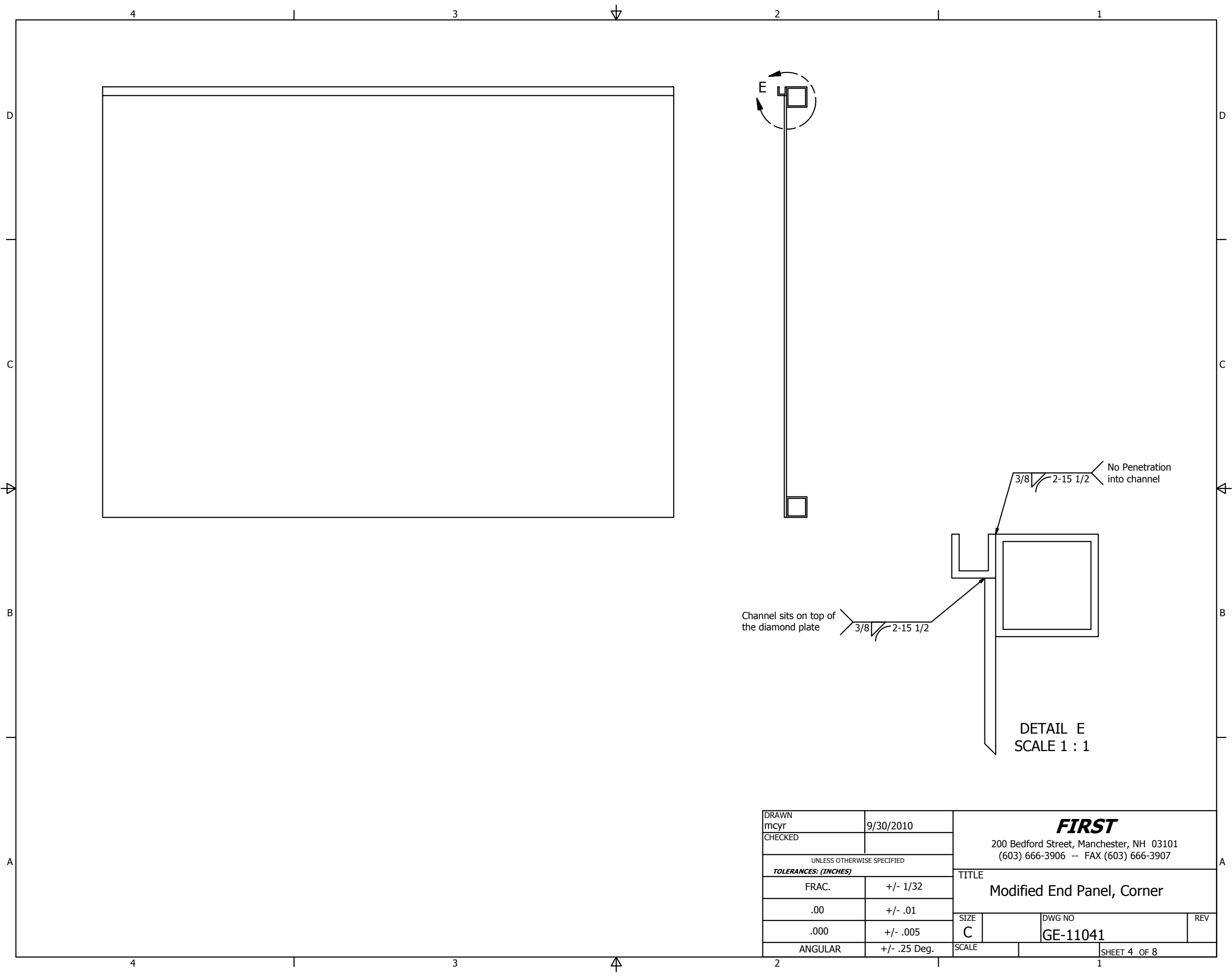


DETAIL B  
SCALE 1 : 1

DETAIL C  
SCALE 1 : 1

DETAIL D  
SCALE 1 : 1

DRAWN mcyr	9/30/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED		TITLE	
<b>TOLERANCES: (INCHES)</b>		Modified End Panel, Corner	
FRAC.	+/- 1/32	SIZE	DWG NO
.00	+/- .01	C	GE-11041
.000	+/- .005	SCALE	REV
ANGULAR	+/- .25 Deg.		
		SHEET 3 OF 8	



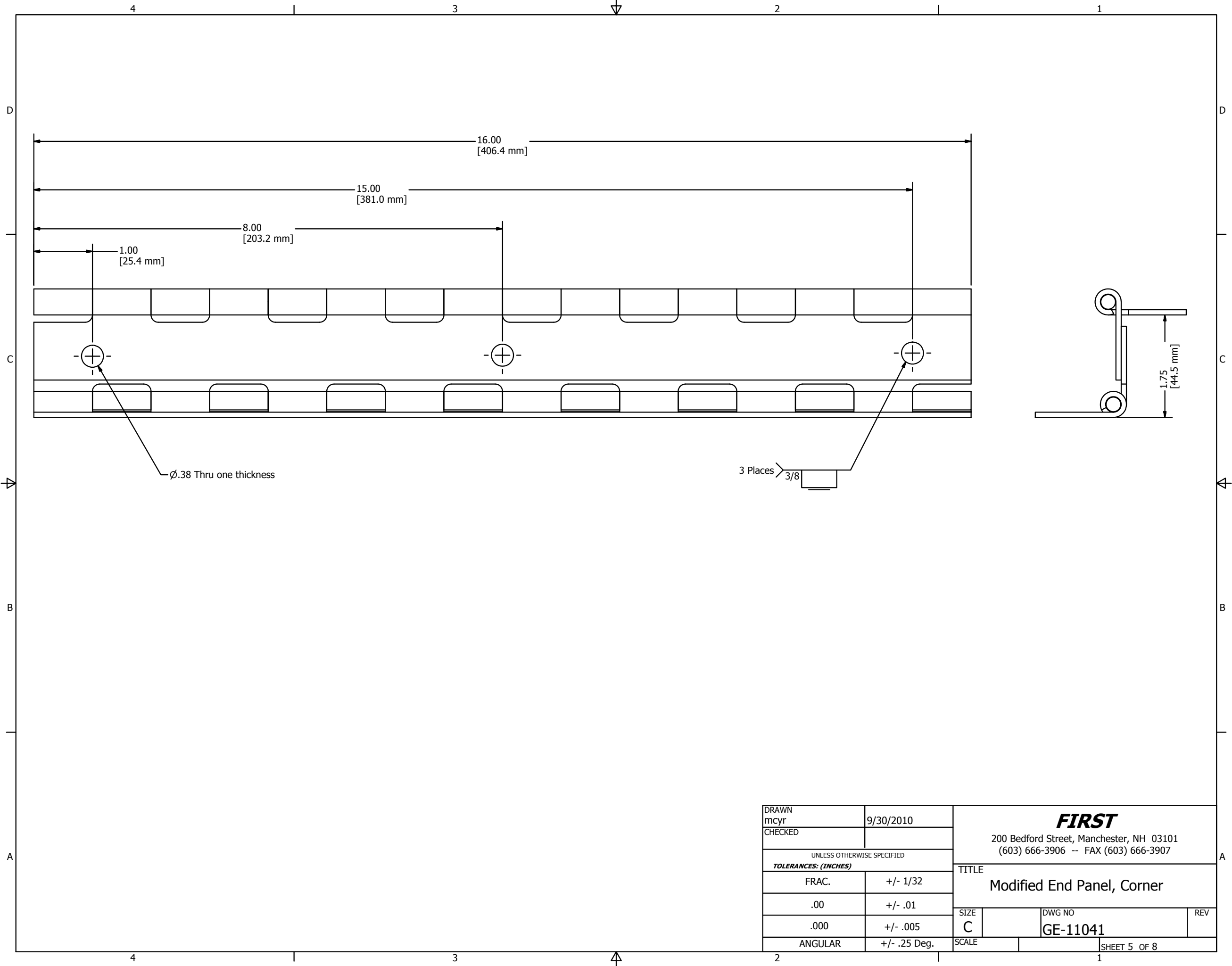
Channel sits on top of  
the diamond plate

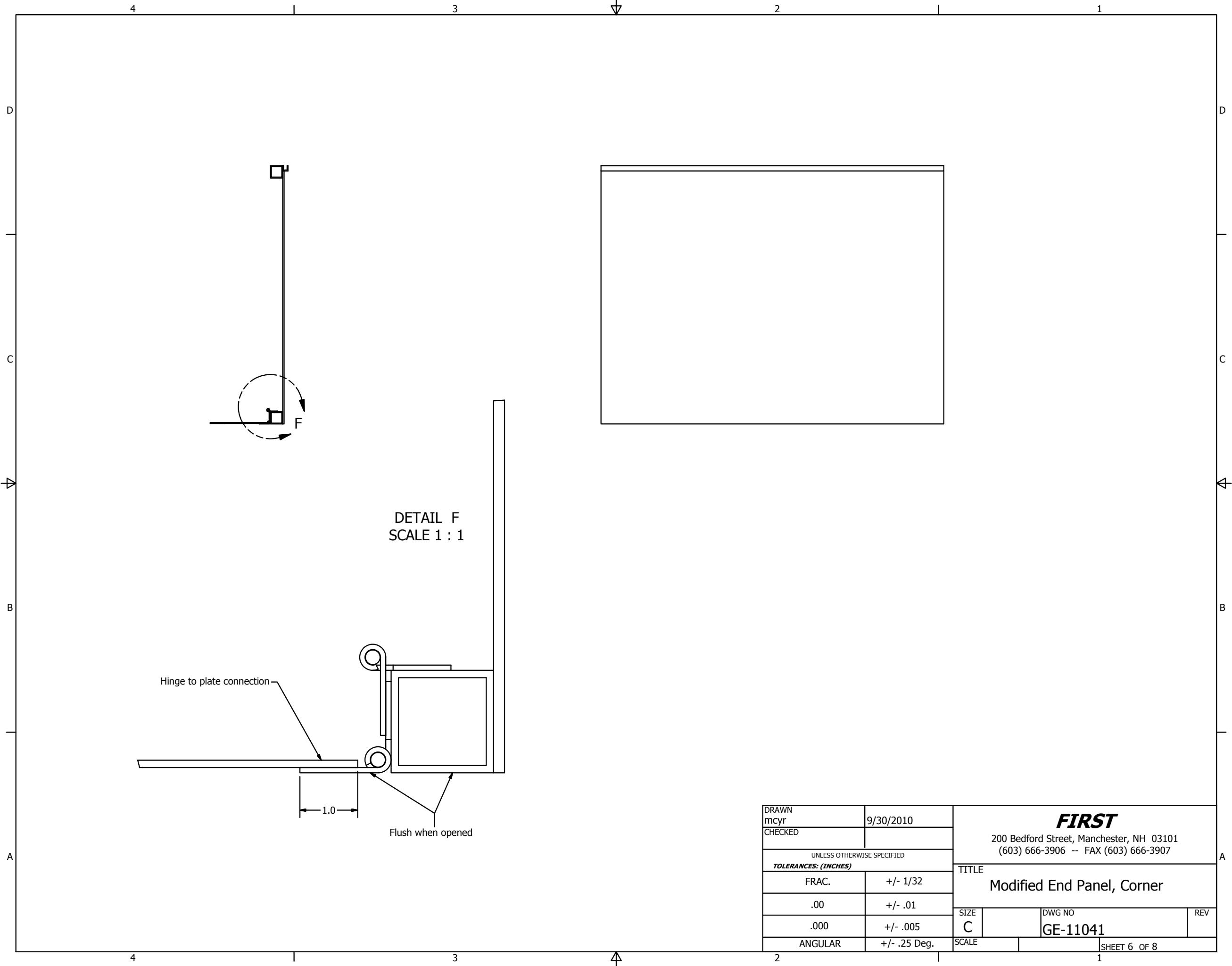
3/8 2-15 1/2

3/8 2-15 1/2 No Penetration  
into channel

DETAIL E  
SCALE 1 : 1

DRAWN mcyr		9/30/2010		<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>				TITLE  Modified End Panel, Corner			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE C	DWG NO GE-11041		REV
ANGULAR		+/- .25 Deg.		SCALE		SHEET 4 OF 8	





DETAIL F  
SCALE 1 : 1

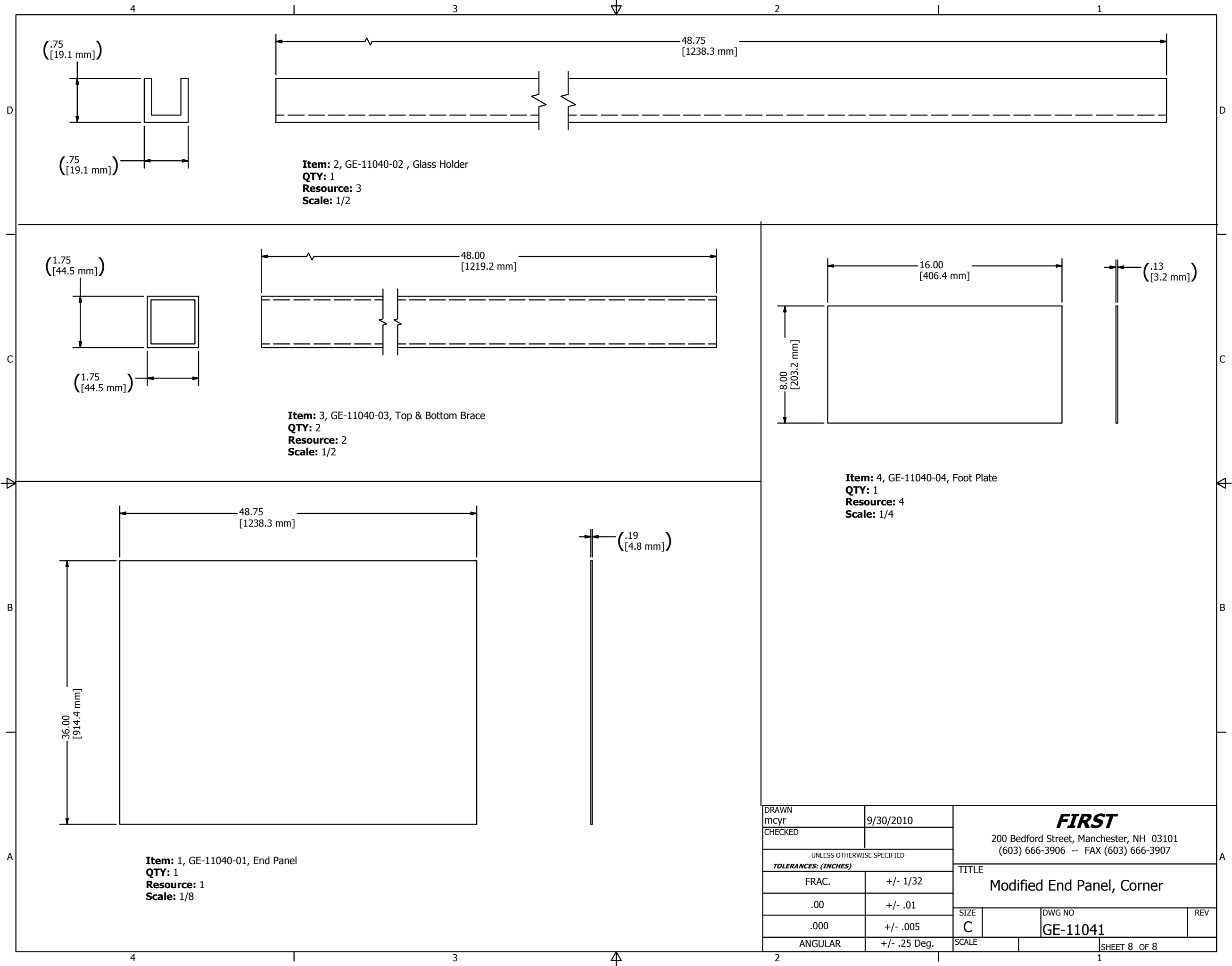
Hinge to plate connection

Flush when opened

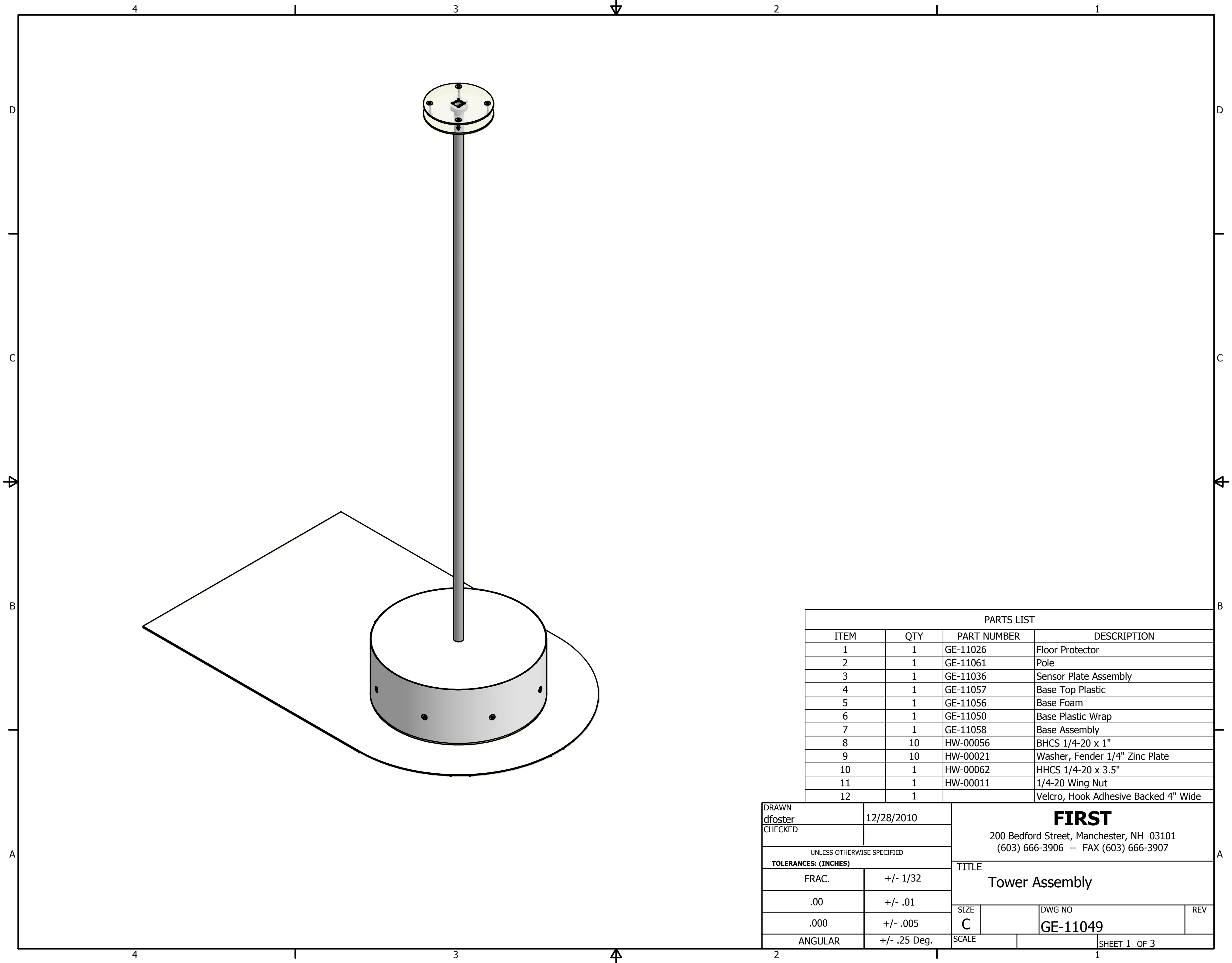
1.0

DRAWN mcyr	9/30/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED		TITLE		
<b>TOLERANCES: (INCHES)</b>		Modified End Panel, Corner		
FRAC.	+/- 1/32	SIZE	C	DWG NO
.00	+/- .01			GE-11041
.000	+/- .005			REV
ANGULAR	+/- .25 Deg.	SCALE	SHEET 6 OF 8	



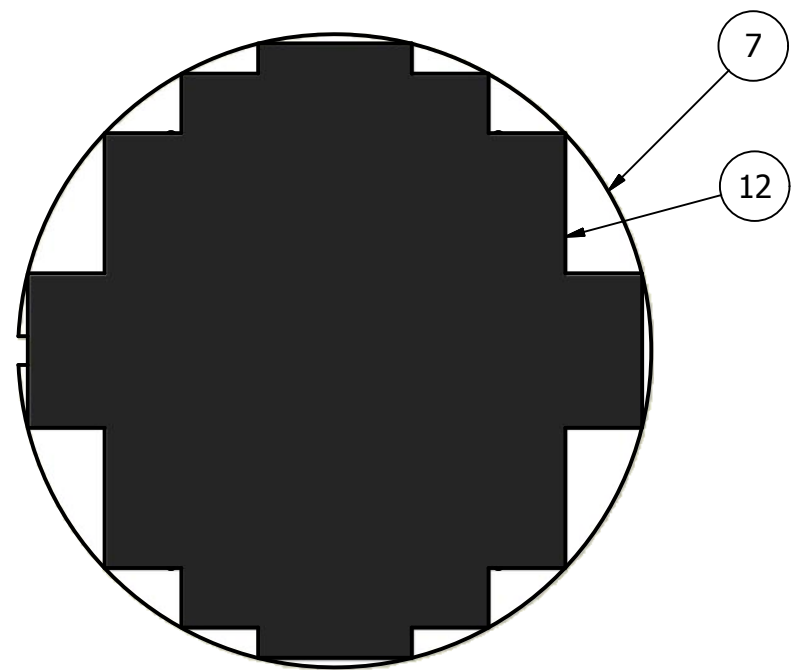


DRAWN mcyr	9/30/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED <i>TOLERANCES: (INCHES)</i>		TITLE Modified End Panel, Corner		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-11041	REV
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 8 OF 8	

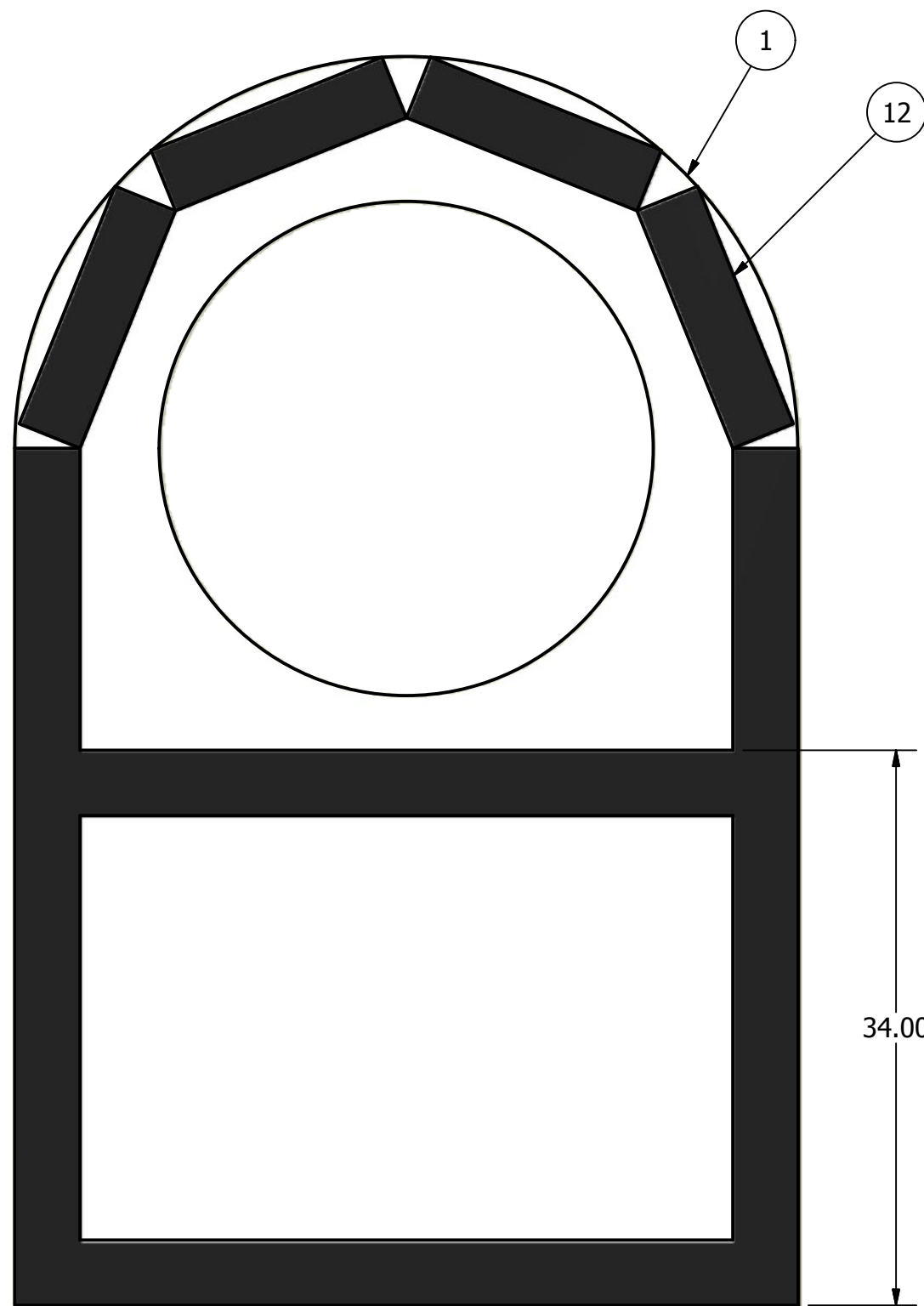


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11026	Floor Protector
2	1	GE-11061	Pole
3	1	GE-11036	Sensor Plate Assembly
4	1	GE-11057	Base Top Plastic
5	1	GE-11056	Base Foam
6	1	GE-11050	Base Plastic Wrap
7	1	GE-11058	Base Assembly
8	10	HW-00056	BHCS 1/4-20 x 1"
9	10	HW-00021	Washer, Fender 1/4" Zinc Plate
10	1	HW-00062	HHCS 1/4-20 x 3.5"
11	1	HW-00011	1/4-20 Wing Nut
12	1	Velcro, Hook Adhesive Backed 4" Wide	

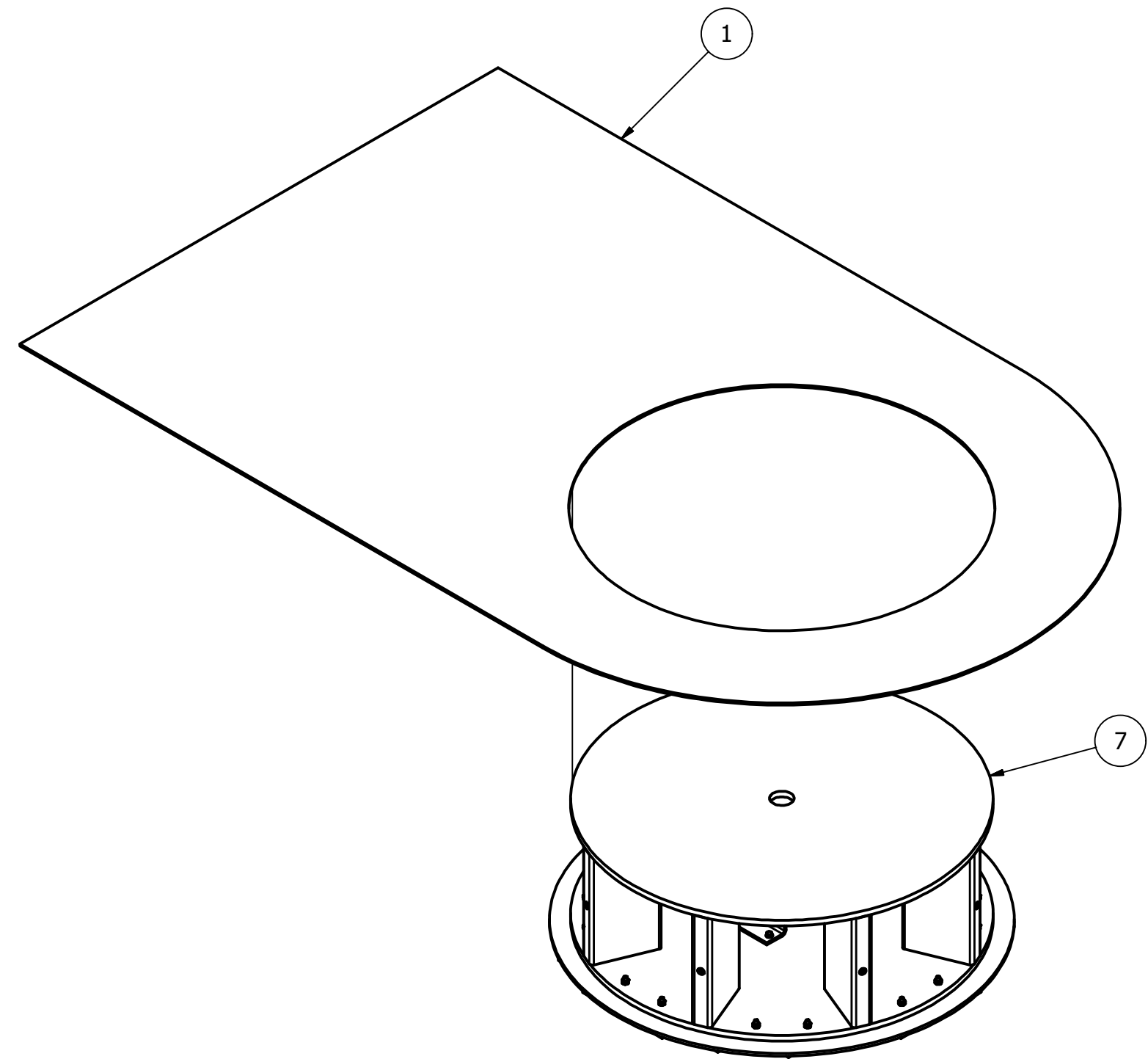
DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Tower Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11049	
				SCALE			SHEET 1 OF 3



Add velcro to bottom of base assembly approximately as shown.



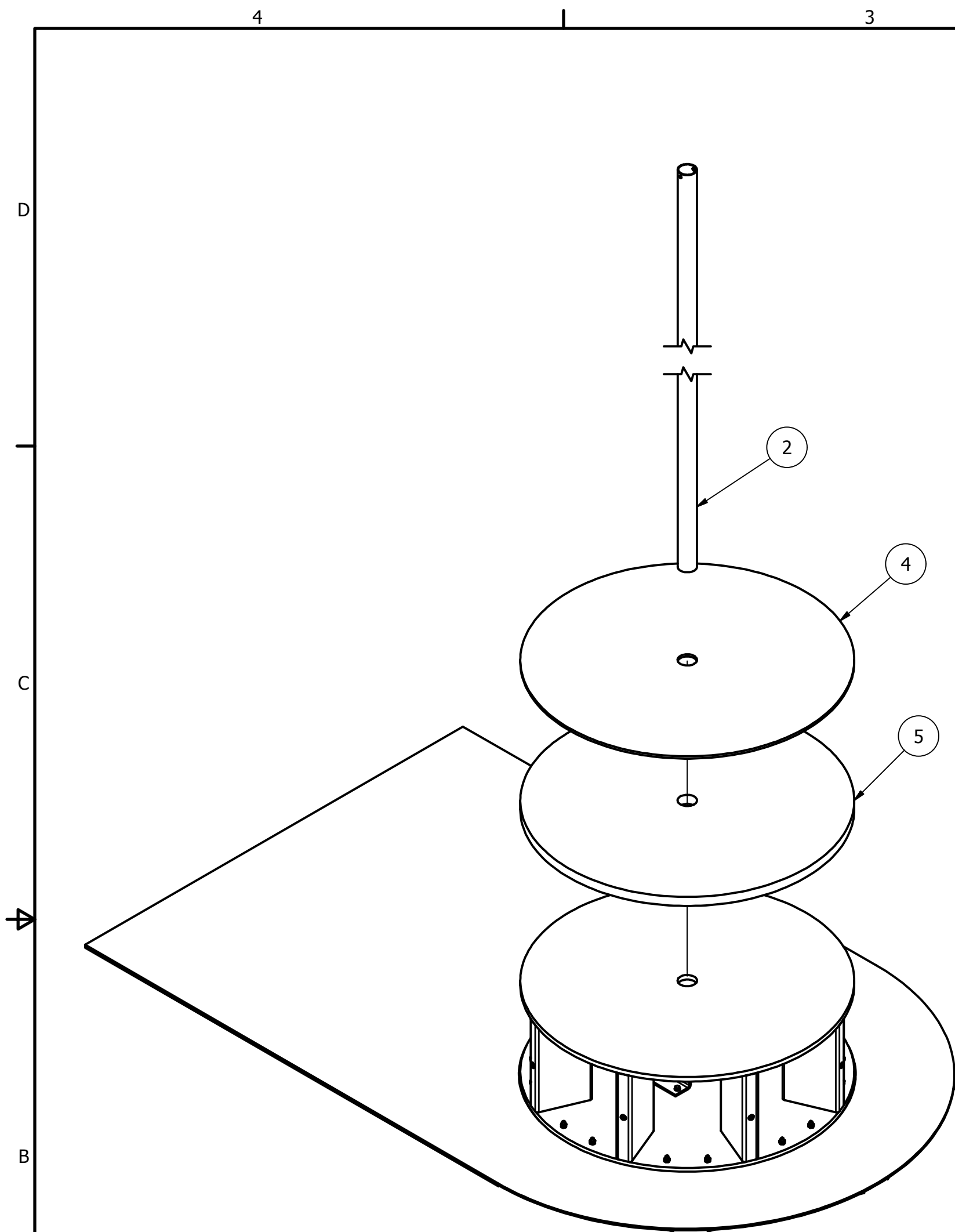
Add velcro to bottom of floor protector approximately as shown.



#### Assembly Instruction:

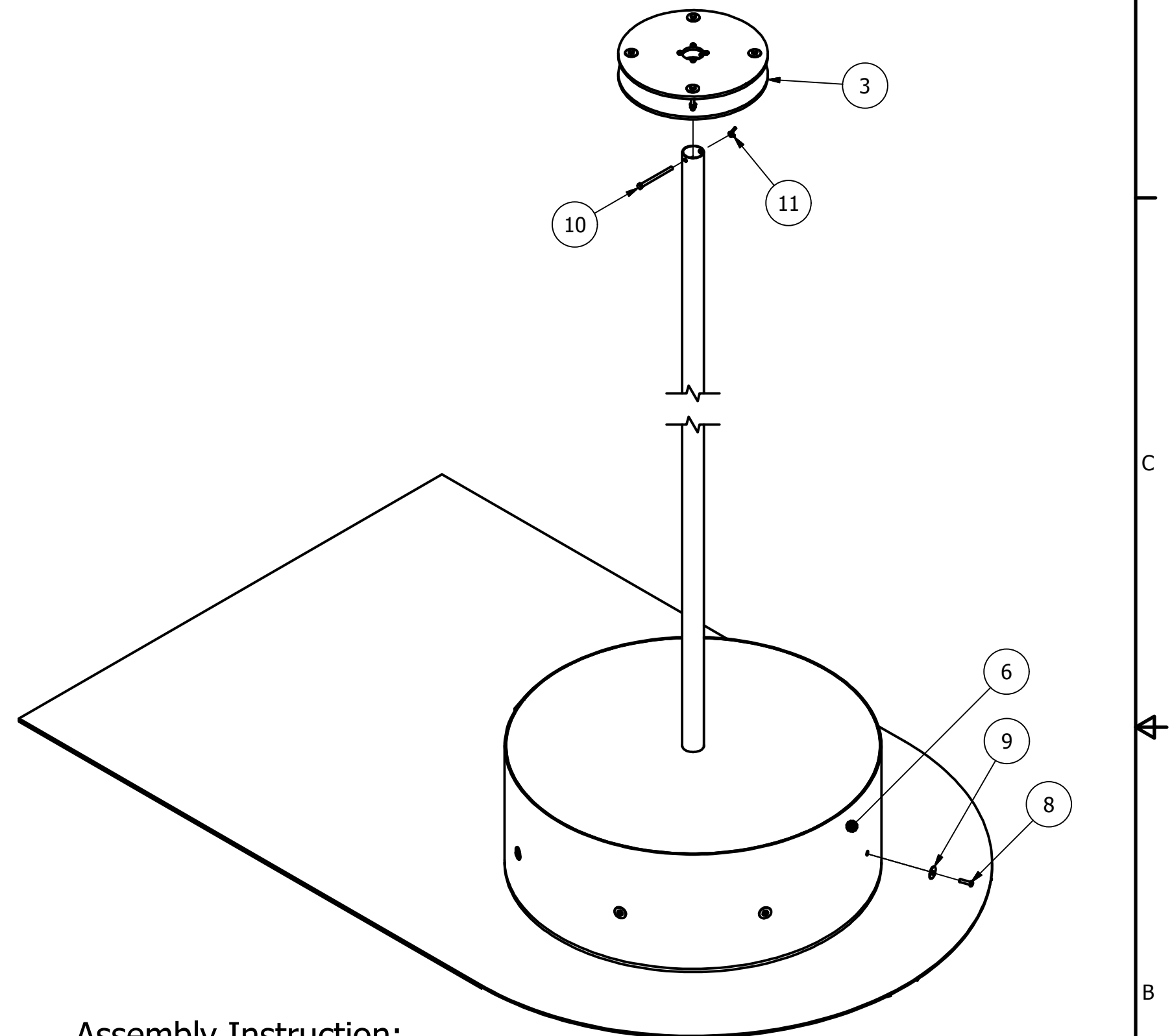
1. Position Item 7 on Carpet in its correct location on the field.
2. Lower Item 1 (velcro side facing carpet) so that the large hole is centered around Item 7

DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Tower Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
				C	GE-11049		
ANGULAR		+/- .25 Deg.		SCALE		SHEET 2 OF 3	



#### Assembly Instruction:

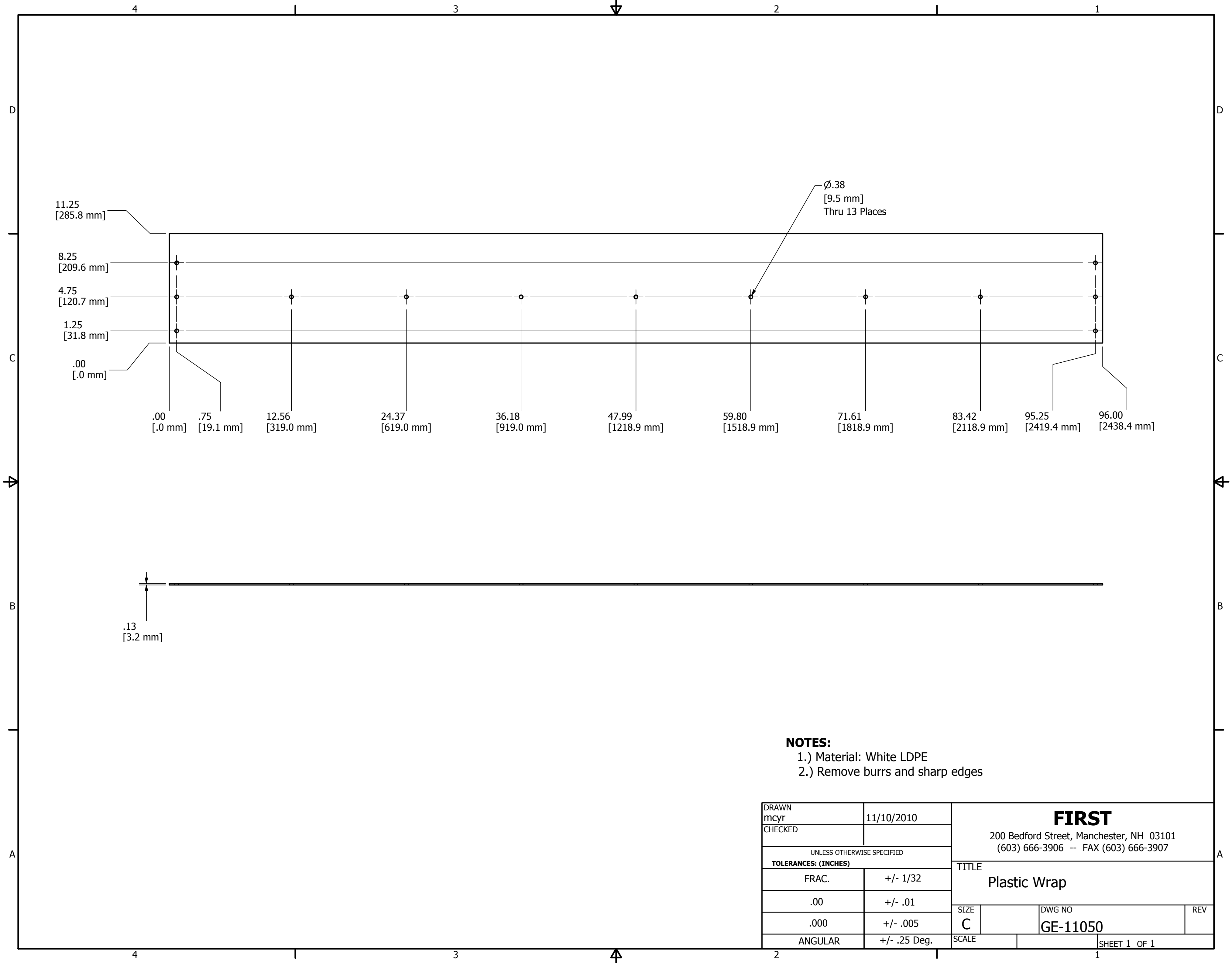
1. Place Item 5 onto Base assembly. Make sure hole in center is aligned to the hole in the base.
2. Repeat step 1 using Item 4.
3. Insert Item 2 through Items 4 and 5 and the Base Assembly. Pipe should fit into the EMT coupling. Tighten coupling.

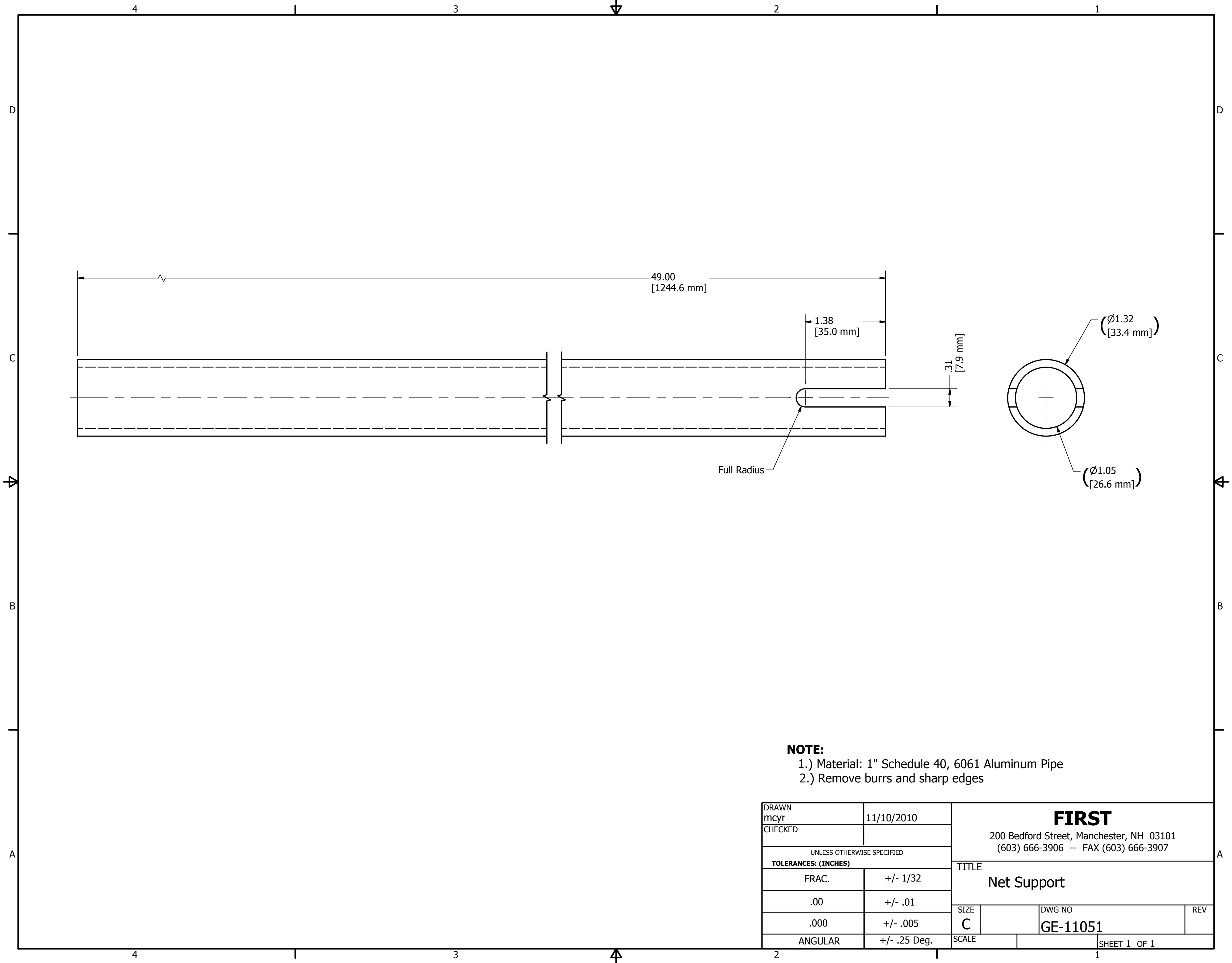


#### Assembly Instruction:

1. Wrap Item 6 around Base Assembly. Use Items 8 and 9 to secure it to the base at appropriate locations.
2. Lower Item 3 so that the aluminum collar fits around EMT pole. Align hole in collar to the hole in the pole. Insert Item 10 and secure it with Item 11. (this step can be completed prior to insertion of pole into base)

DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Tower Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11049		
				SCALE		SHEET 3 OF 3	

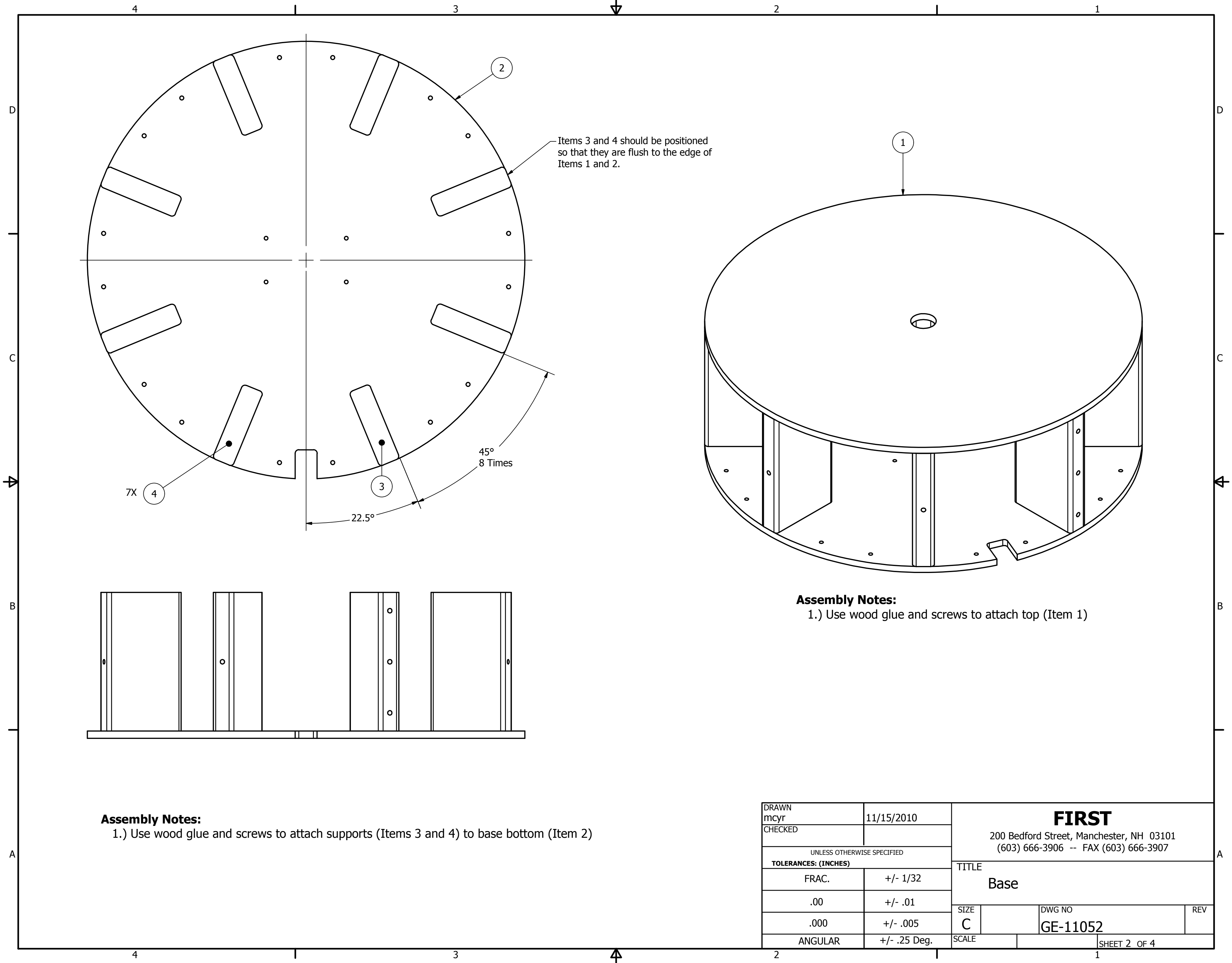




- NOTE:**
- 1.) Material: 1" Schedule 40, 6061 Aluminum Pipe
  - 2.) Remove burrs and sharp edges

DRAWN mcyr		11/10/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Net Support</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11051	
				SCALE			SHEET 1 OF 1

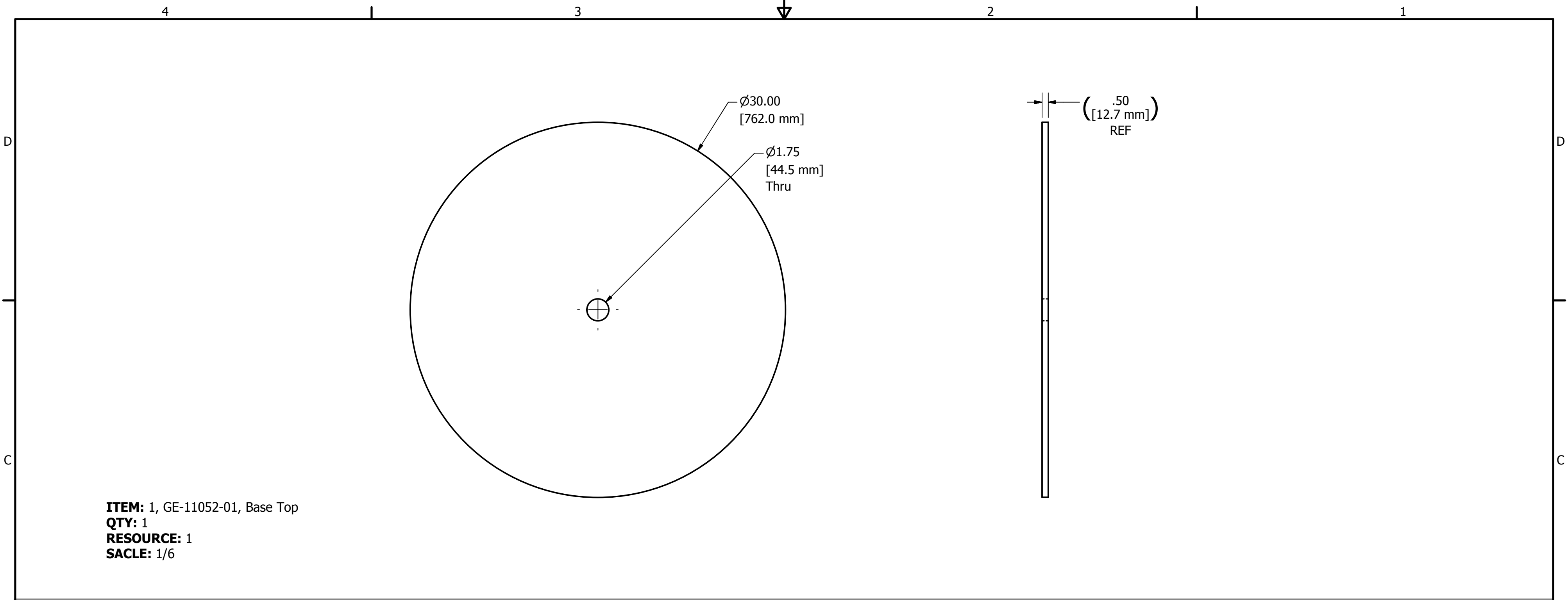




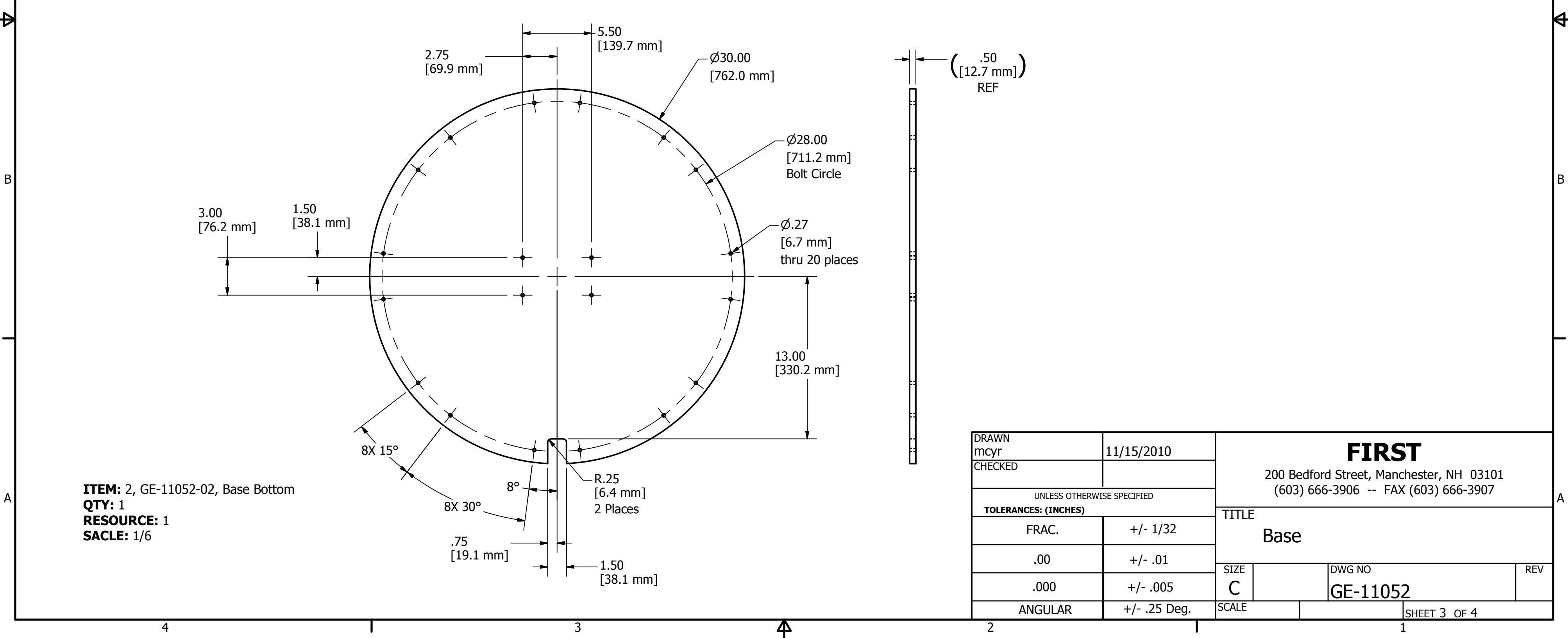
**Assembly Notes:**  
1.) Use wood glue and screws to attach supports (Items 3 and 4) to base bottom (Item 2)

**Assembly Notes:**  
1.) Use wood glue and screws to attach top (Item 1)

DRAWN mcy		11/15/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Base</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11052		
				SCALE		SHEET 2 OF 4	

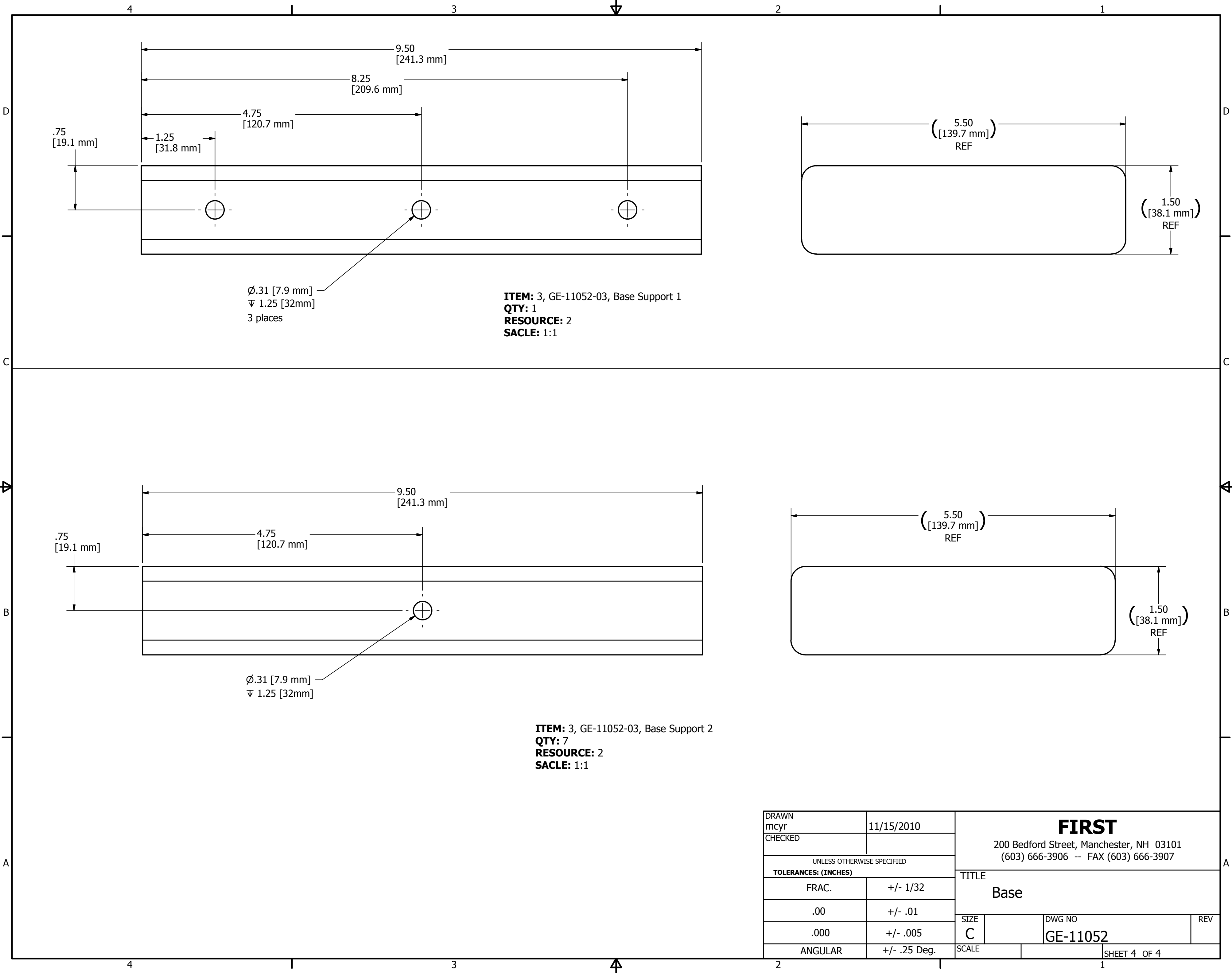


ITEM: 1, GE-11052-01, Base Top  
QTY: 1  
RESOURCE: 1  
SACLE: 1/6



ITEM: 2, GE-11052-02, Base Bottom  
QTY: 1  
RESOURCE: 1  
SACLE: 1/6

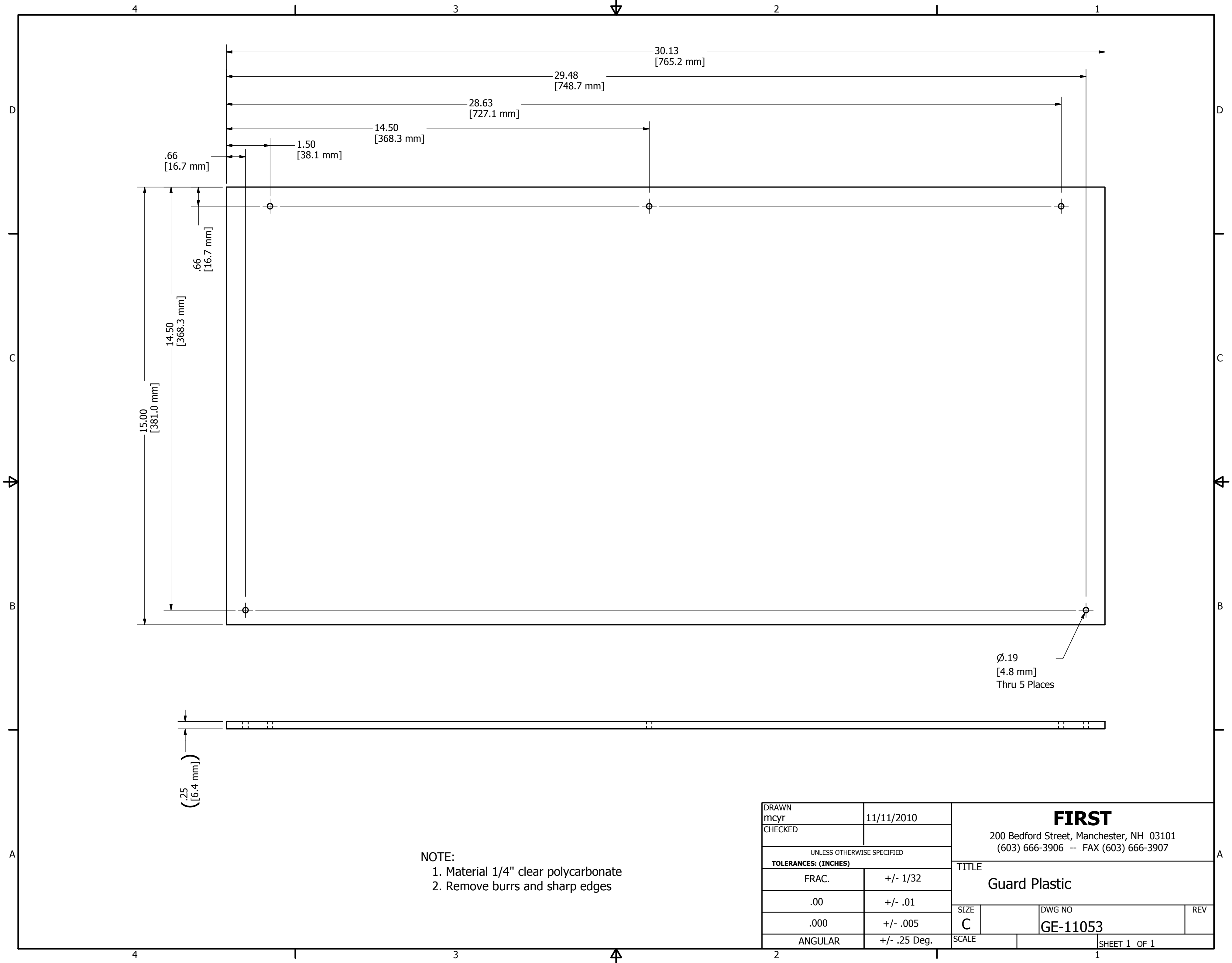
DRAWN mcyr		11/15/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Base</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11052		
				SCALE		SHEET 3 OF 4	



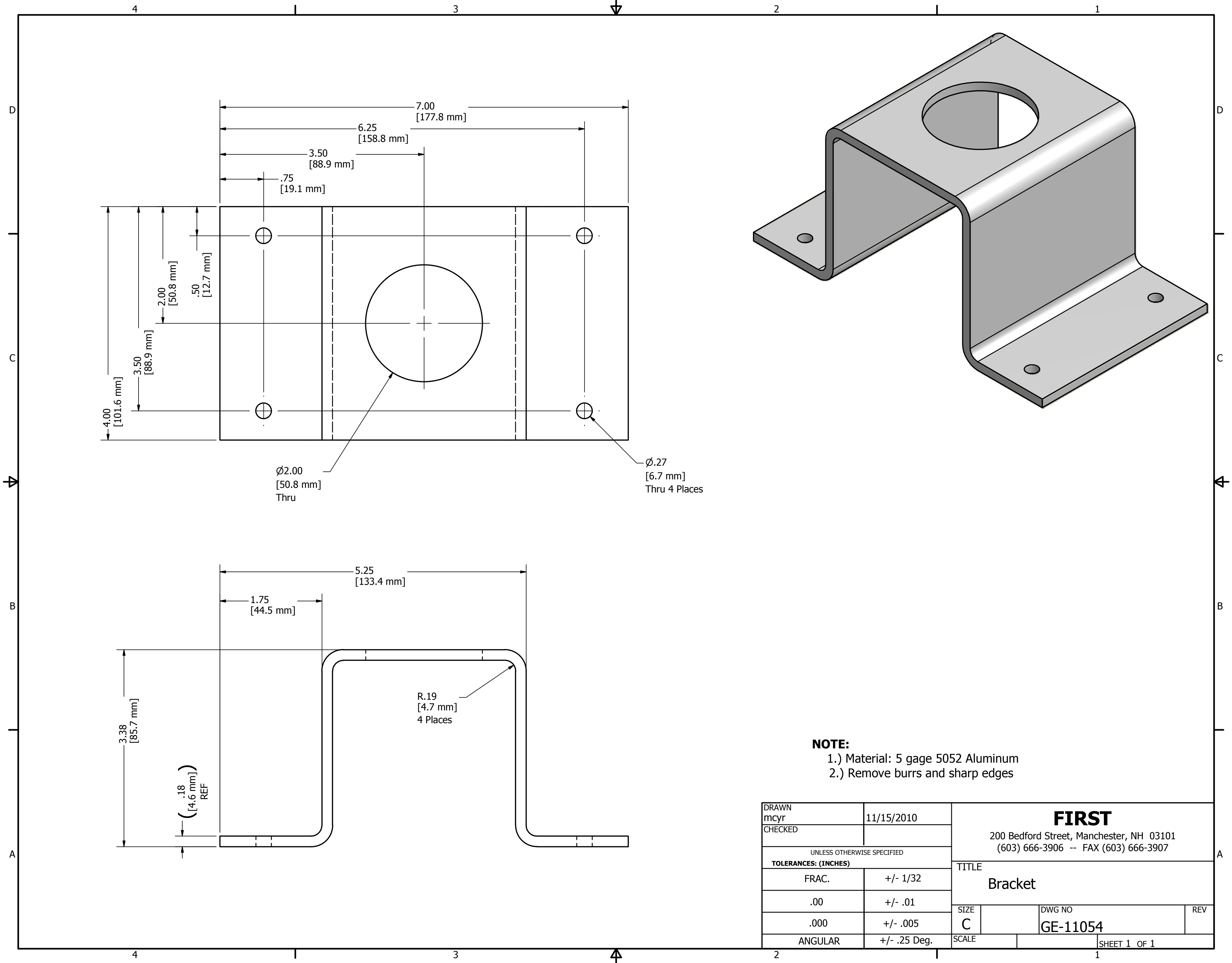
**ITEM:** 3, GE-11052-03, Base Support 1  
**QTY:** 1  
**RESOURCE:** 2  
**SACLE:** 1:1

**ITEM:** 3, GE-11052-03, Base Support 2  
**QTY:** 7  
**RESOURCE:** 2  
**SACLE:** 1:1

DRAWN mcyr		11/15/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Base</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11052	
				SCALE			SHEET 4 OF 4

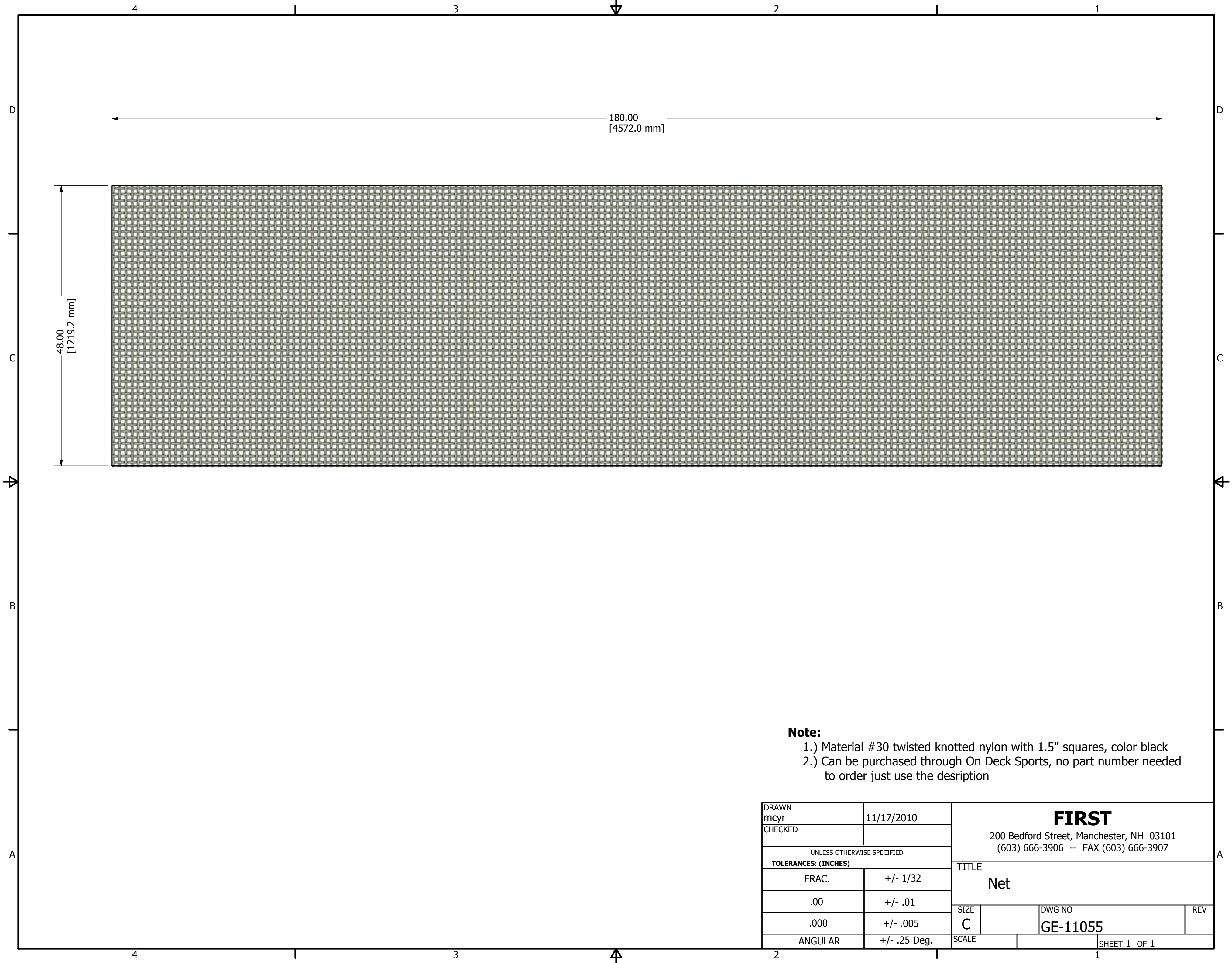


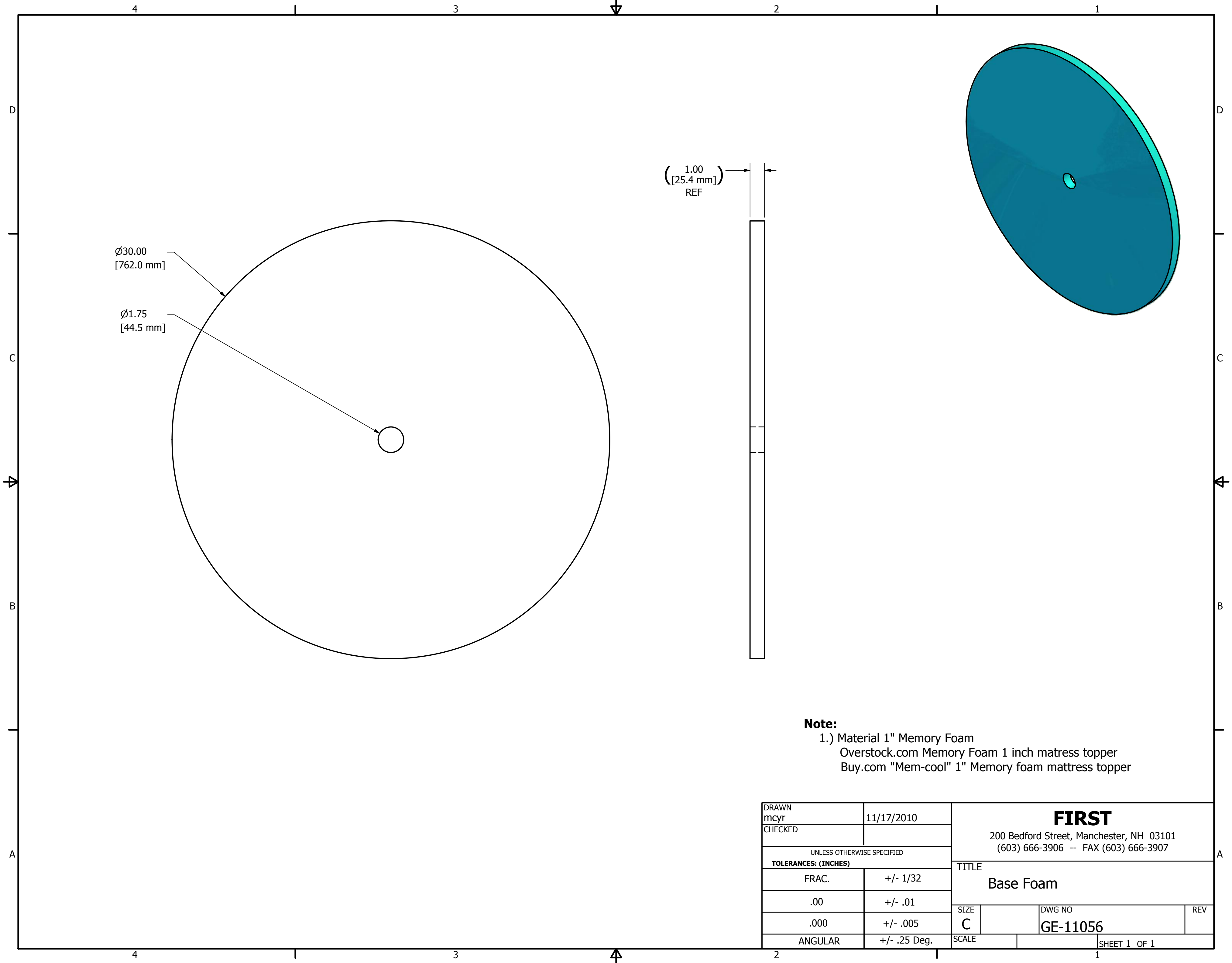
DRAWN mcyr	11/11/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Guard Plastic		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-11053	REV
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 1	

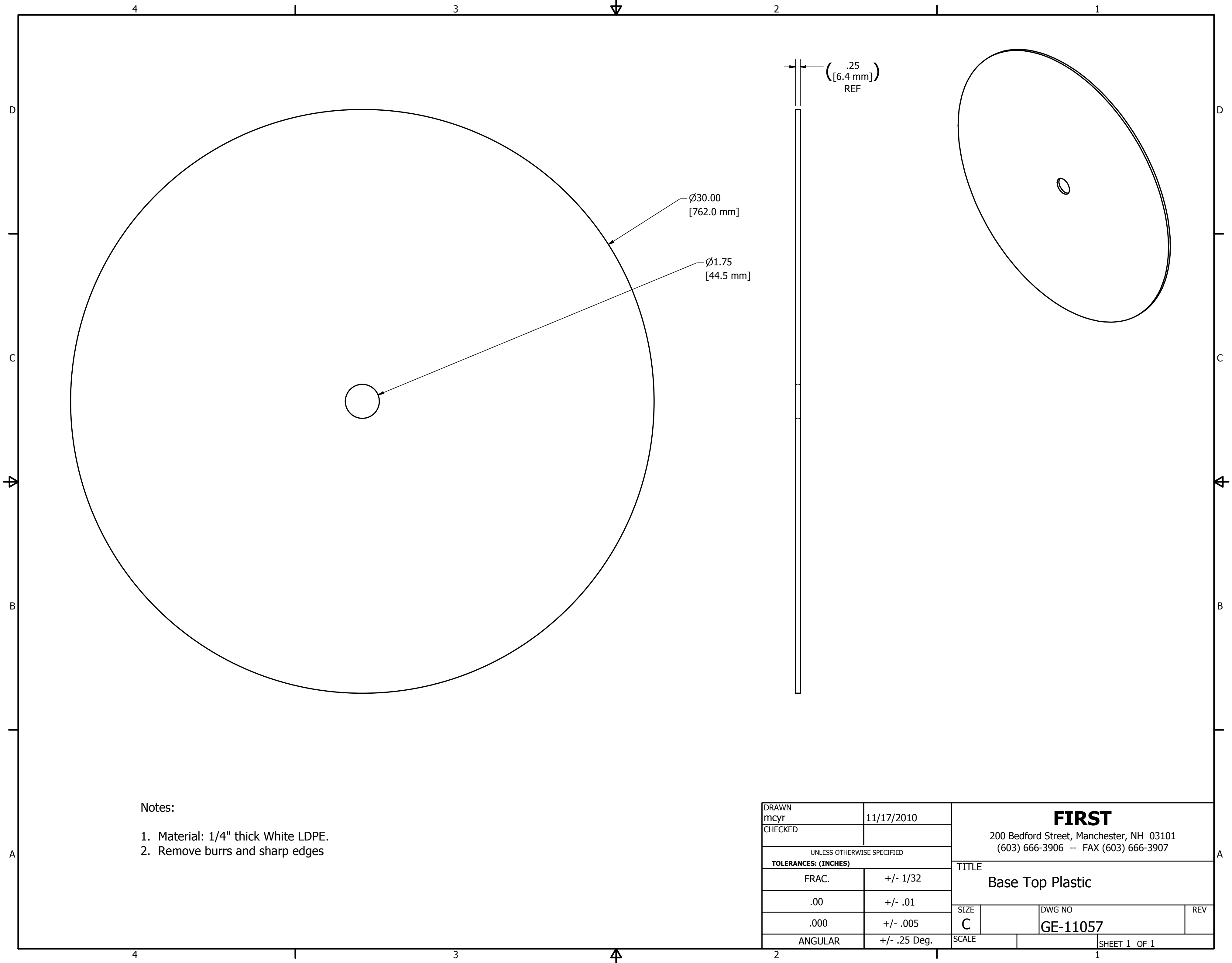


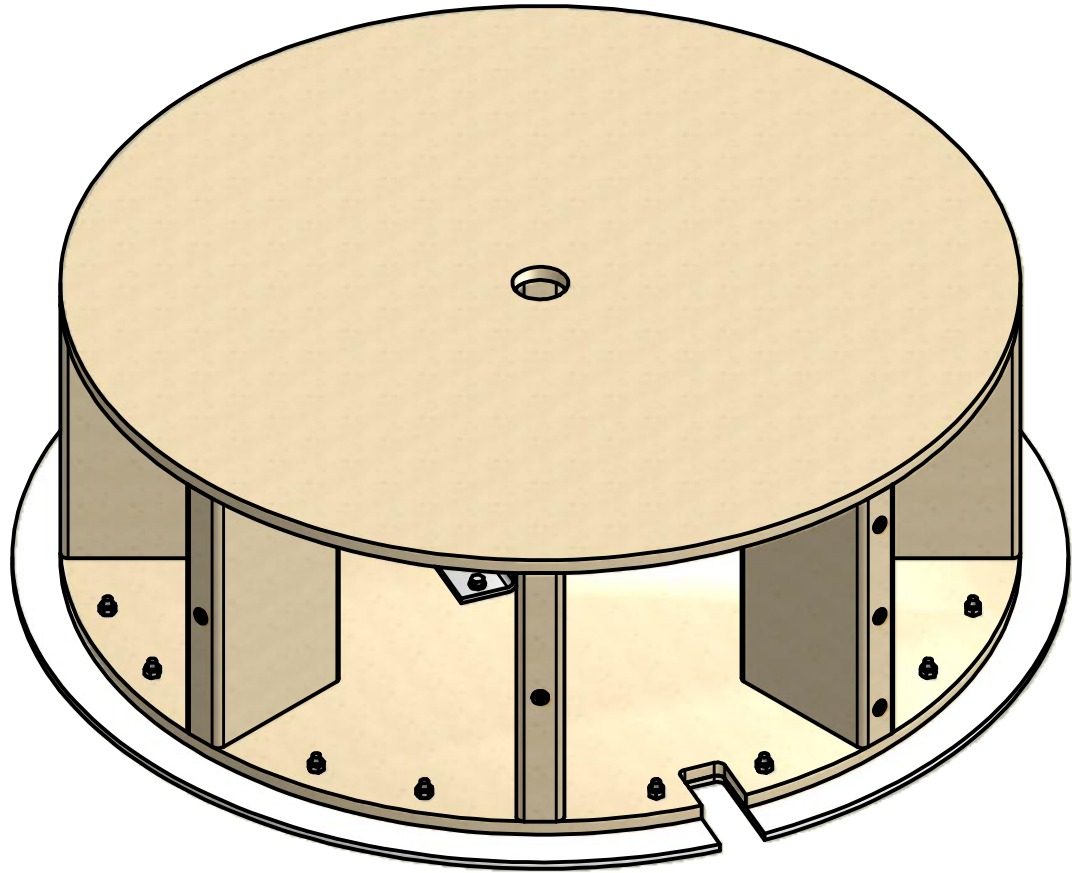
**NOTE:**  
1.) Material: 5 gage 5052 Aluminum  
2.) Remove burrs and sharp edges

DRAWN mcy		11/15/2010		<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bracket</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11054		
				SCALE		SHEET 1 OF 1	



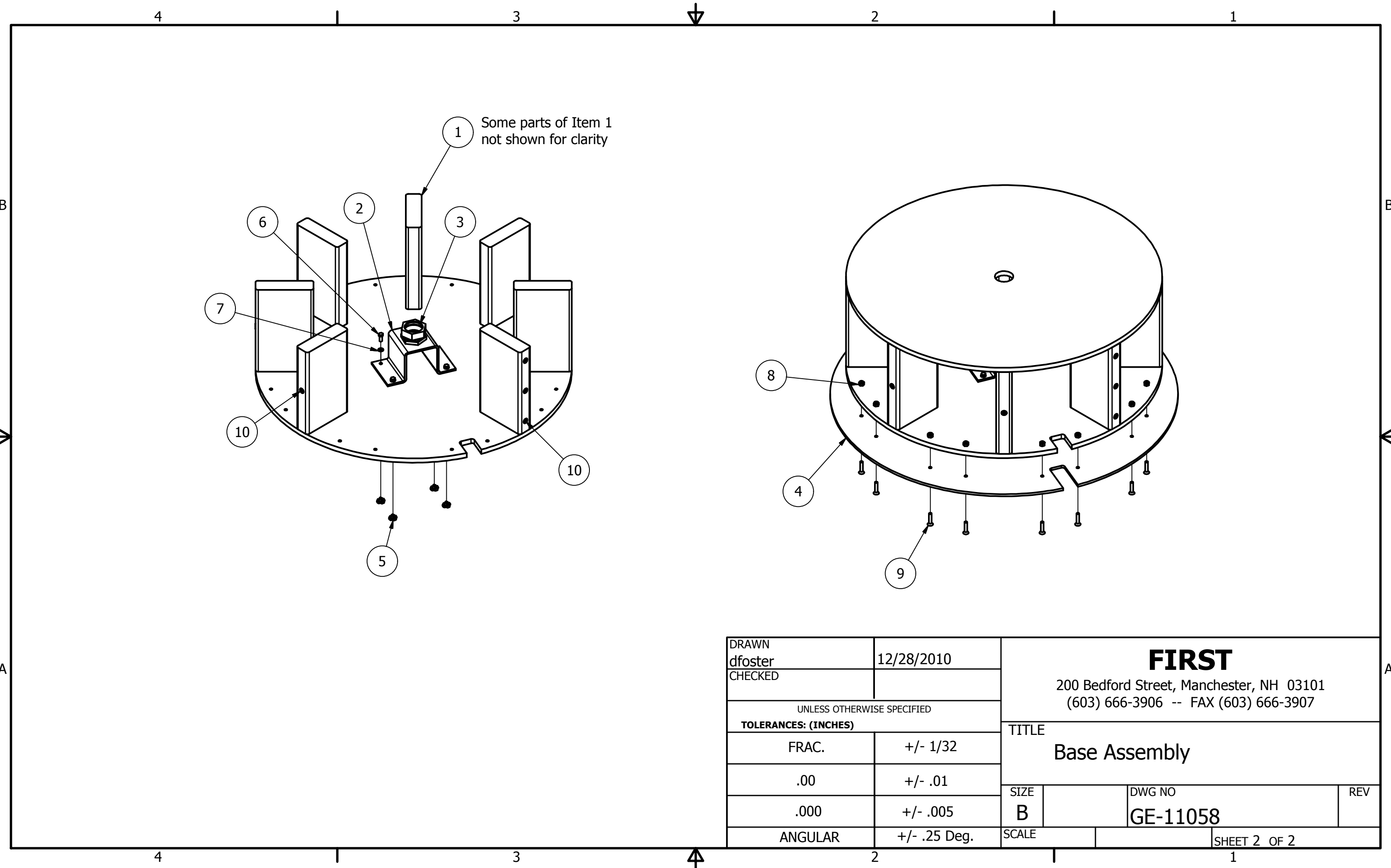




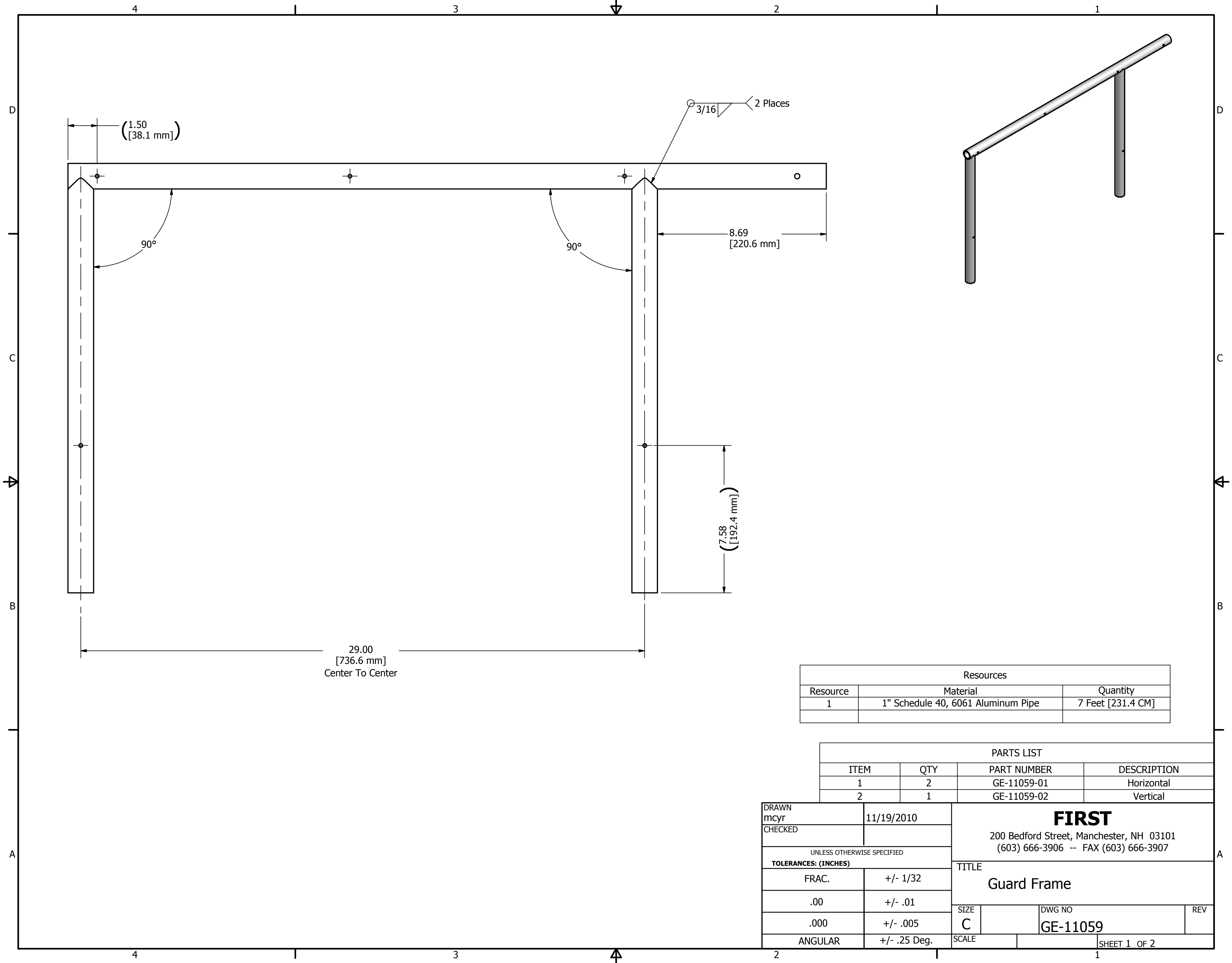


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-10052	Base
2	1	GE-11054	Bracket
3	1	PP-00060	EMT Compression Fitting (McMaster: 7150K15)
4	1	GE-11035	Flange Plate
5	4	HW-00017	Tee Nut, 1/4-20 Zinc Plate
6	4	HW-00057	HHCS 1/4-20 x .625" Zinc Plate
7	4	HW-00019	Washer, Lock 1/4" Zinc Plate
8	16	HW-00002	Nut, Lock 1/4-20
9	16	HW-00013	1/4-20 x 1-1/4" Flat head screw, zinc plated
10	10	HW-00058	Insert, Self-Tapping for Wood, 1/4-20 x 63/64"

DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE  Base Assembly			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
				B	GE-11058		
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	



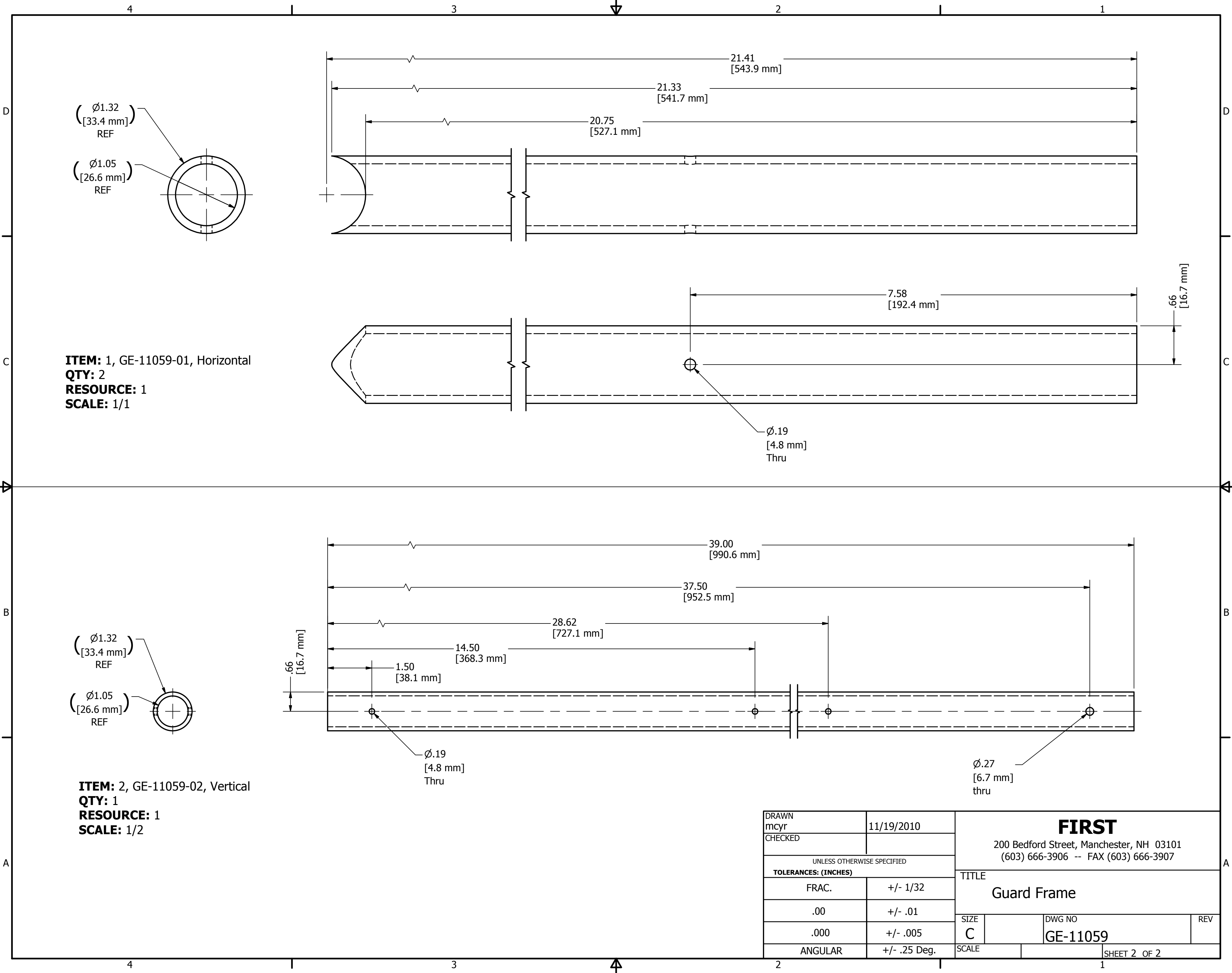
DRAWN dfoster		12/28/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE  Base Assembly			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE		DWG NO	REV
				B		GE-11058	
ANGULAR		+/- .25 Deg.		SCALE		SHEET 2 OF 2	



Resources		
Resource	Material	Quantity
1	1" Schedule 40, 6061 Aluminum Pipe	7 Feet [231.4 CM]

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-11059-01	Horizontal
2	1	GE-11059-02	Vertical

DRAWN mcyr		11/19/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Guard Frame</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-11059		
				SCALE		SHEET 1 OF 2	



( Ø1.32  
[33.4 mm]  
REF

( Ø1.05  
[26.6 mm]  
REF

**ITEM:** 1, GE-11059-01, Horizontal  
**QTY:** 2  
**RESOURCE:** 1  
**SCALE:** 1/1

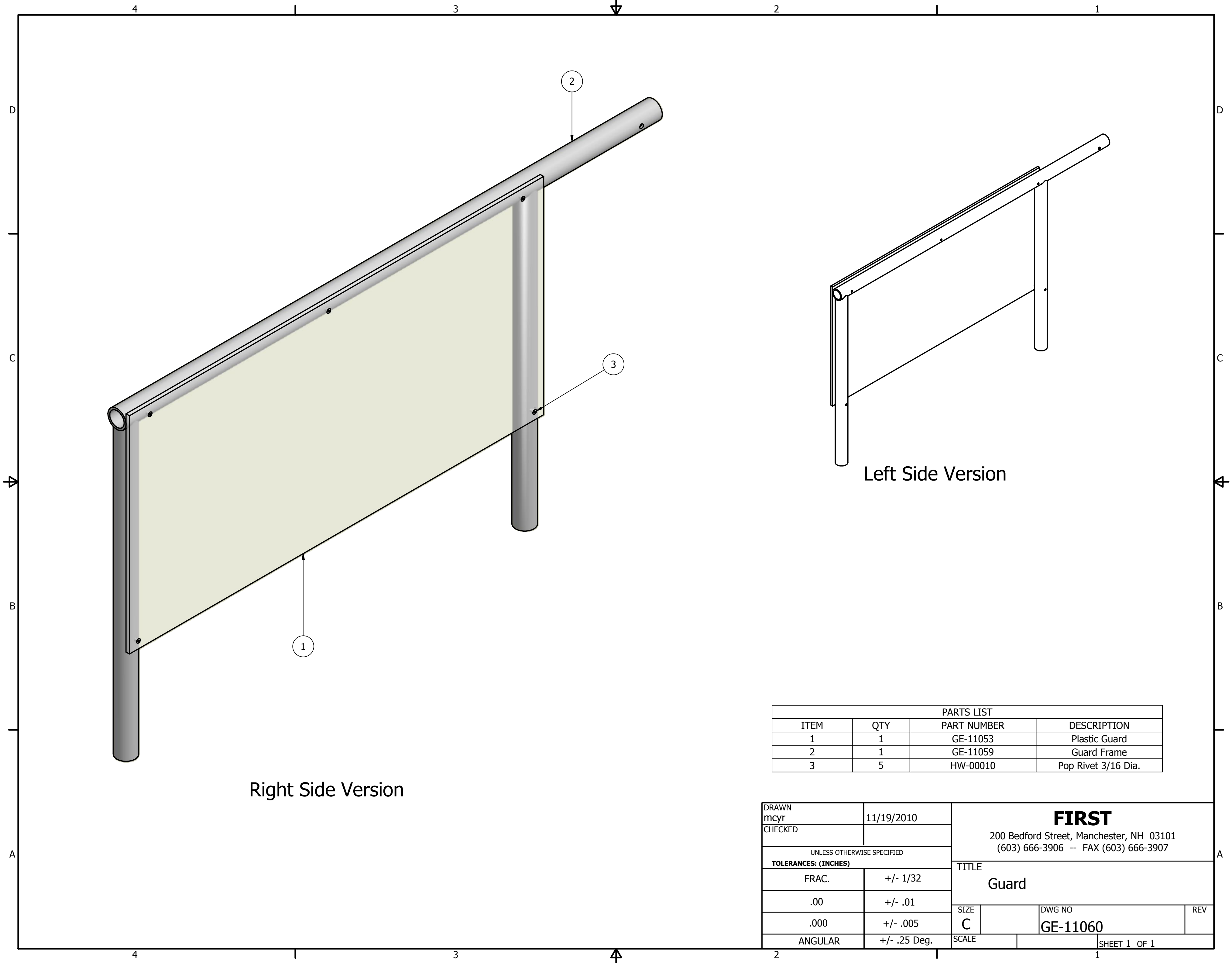
( Ø1.32  
[33.4 mm]  
REF

( Ø1.05  
[26.6 mm]  
REF

**ITEM:** 2, GE-11059-02, Vertical  
**QTY:** 1  
**RESOURCE:** 1  
**SCALE:** 1/2

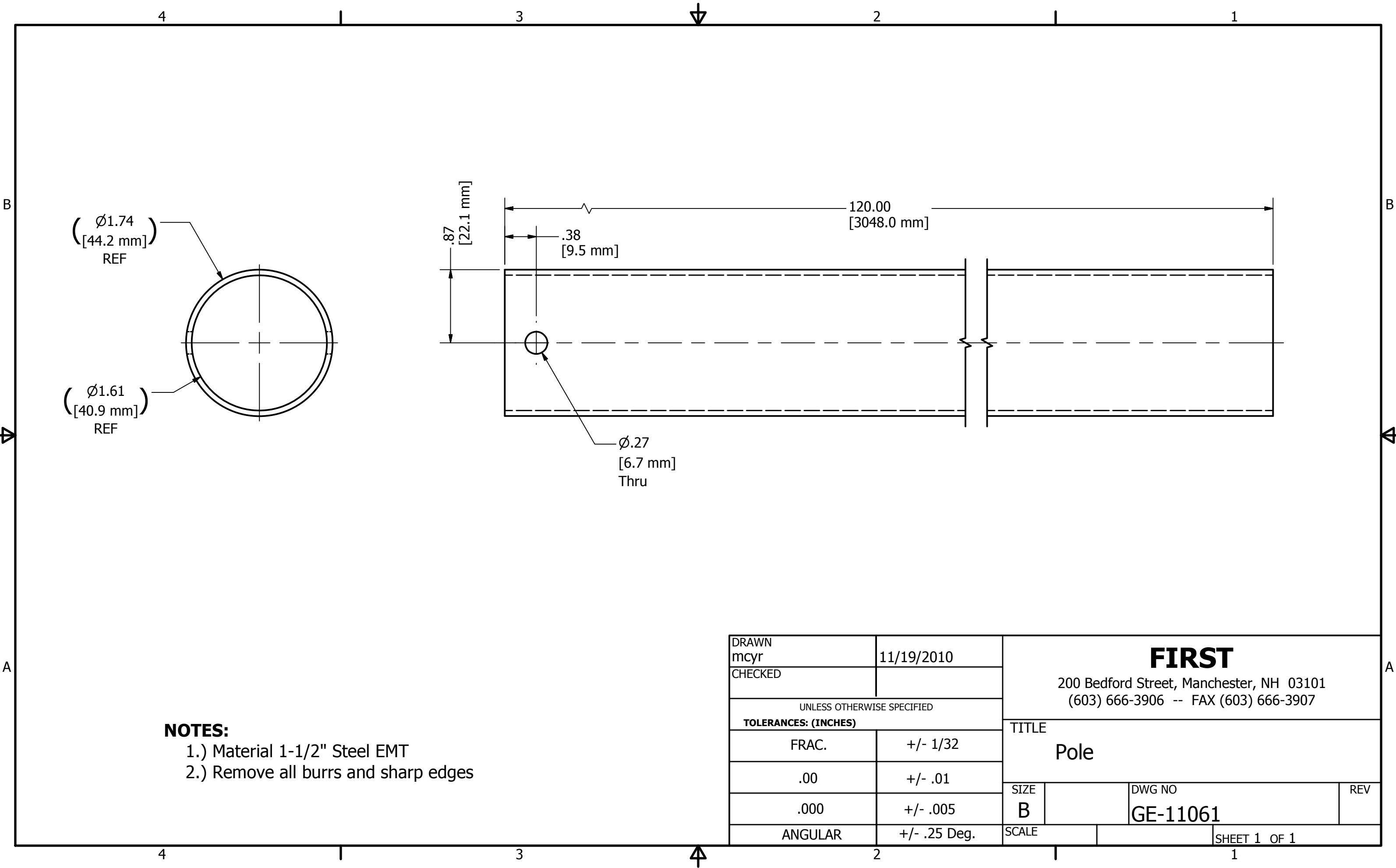
Ø.19  
[4.8 mm]  
Thru

Ø.27  
[6.7 mm]  
thru



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-11053	Plastic Guard
2	1	GE-11059	Guard Frame
3	5	HW-00010	Pop Rivet 3/16 Dia.

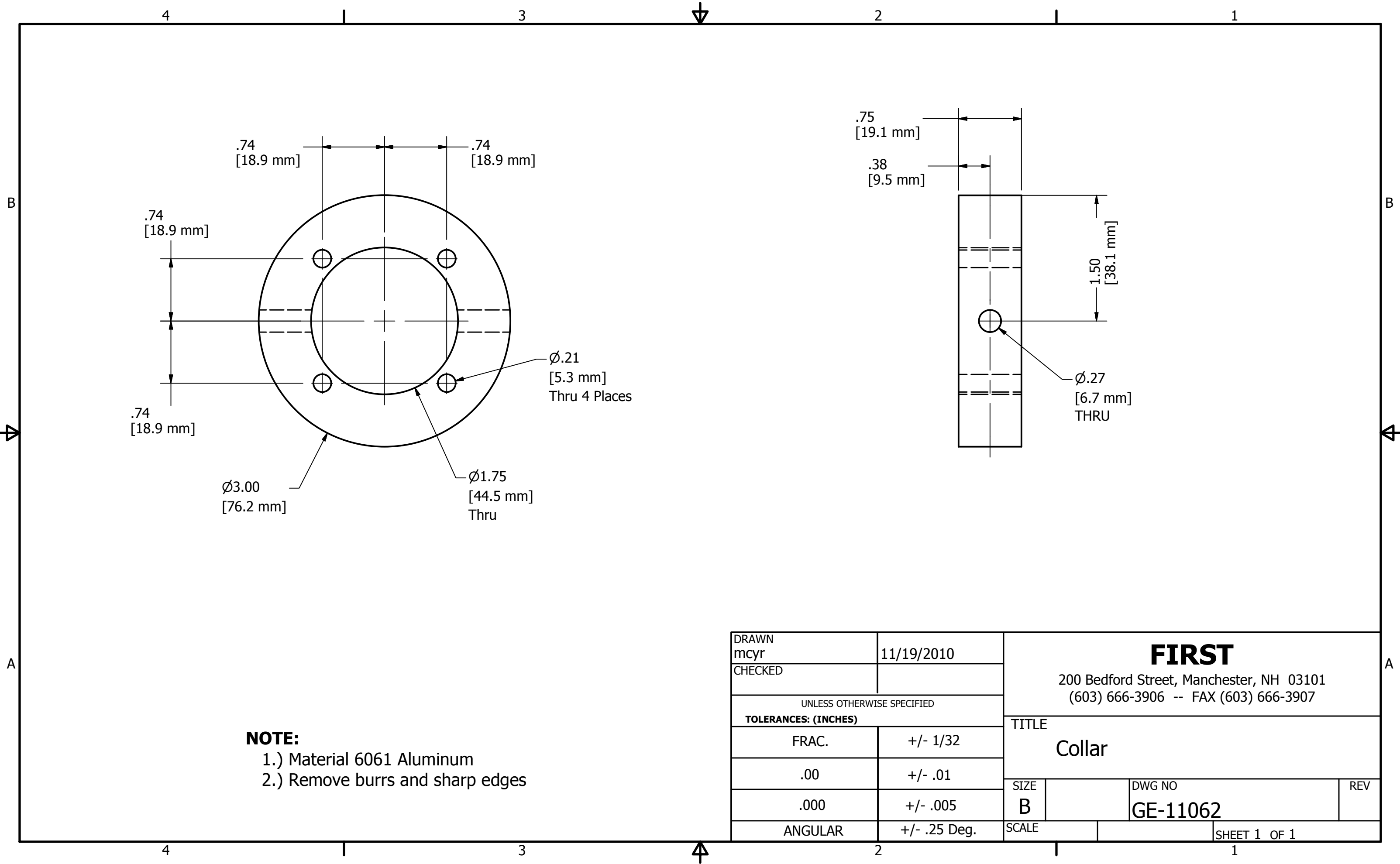
DRAWN mcy CHECKED		11/19/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Guard</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11060	
				SCALE		SHEET 1 OF 1	

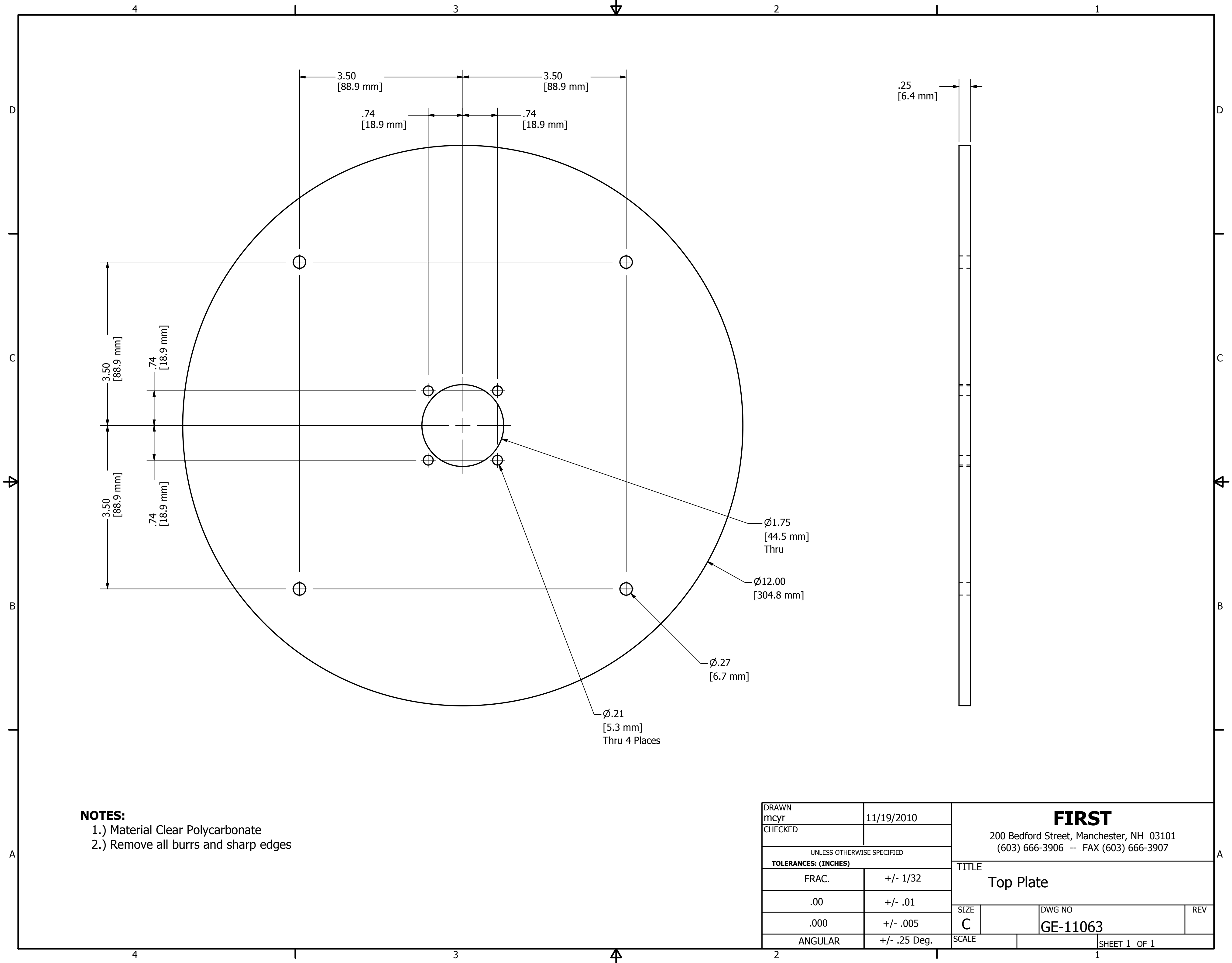


**NOTES:**

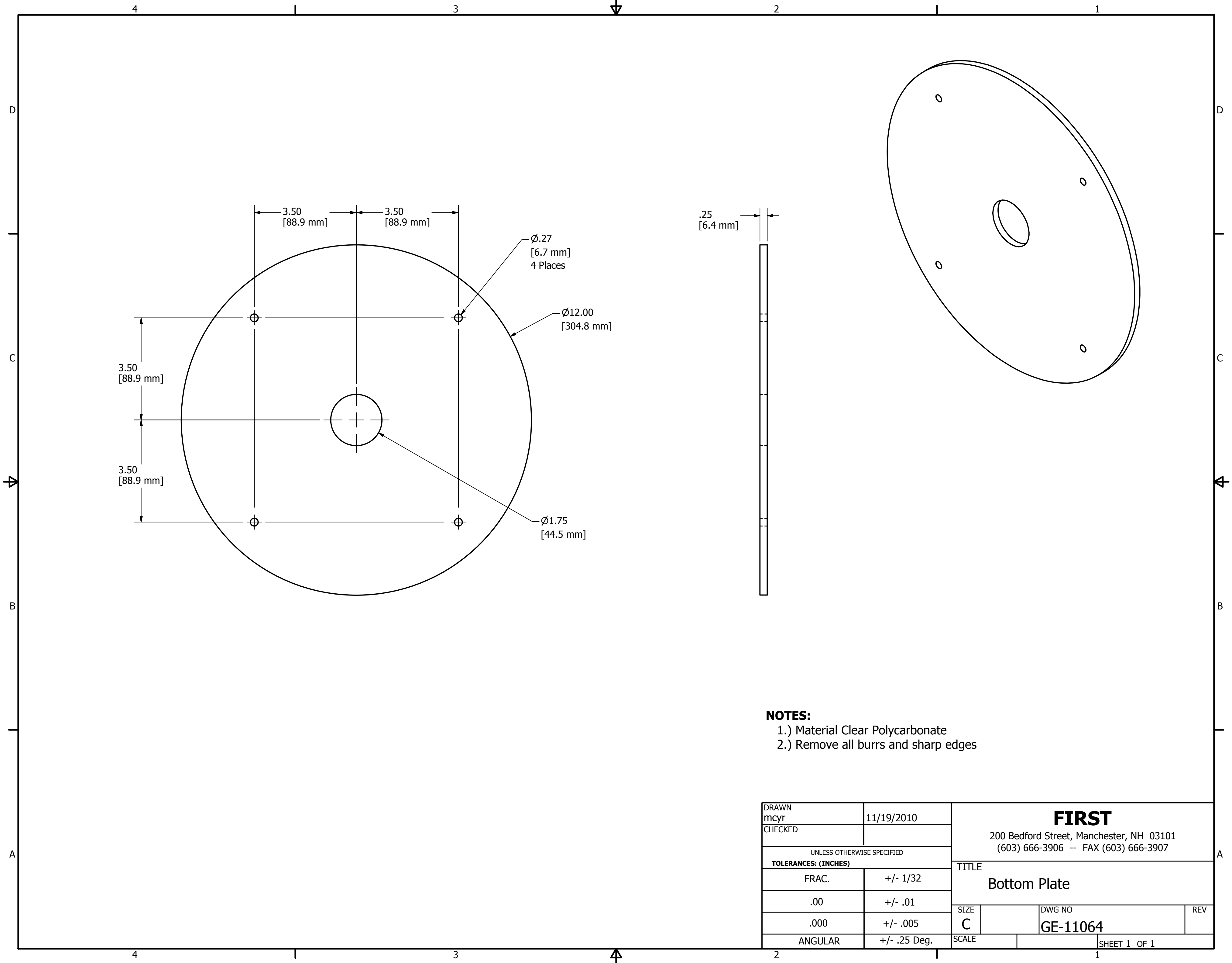
- 1.) Material 1-1/2" Steel EMT
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	11/19/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE Pole			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE	DWG NO		REV
.000	+/- .005	B	GE-11061		
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 1		



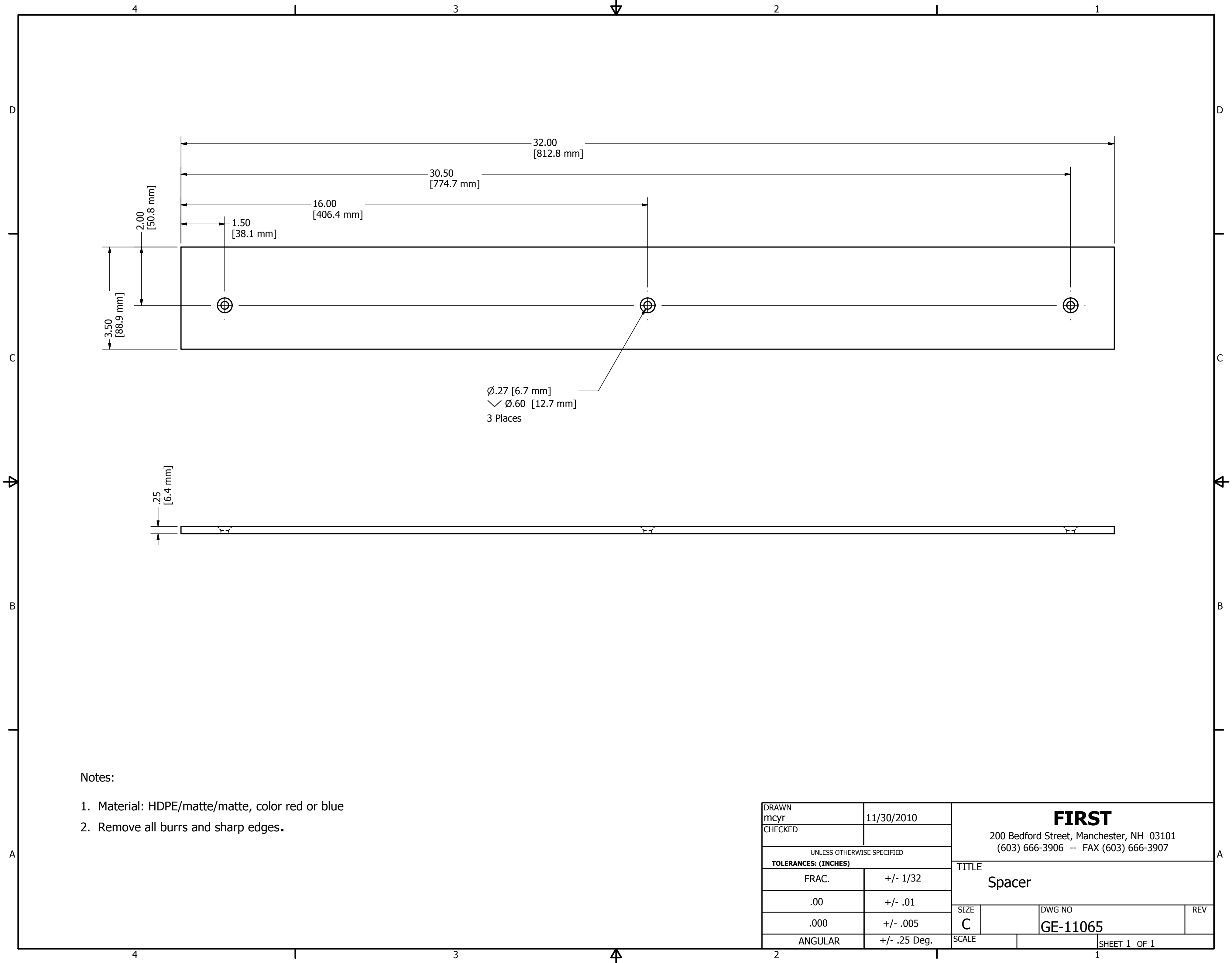


DRAWN mcy CHECKED		11/19/2010	<div><b>FIRST</b></div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>			<div>TITLE</div> <div>Top Plate</div>			
FRAC.	+/- 1/32					
.00	+/- .01					
.000	+/- .005					
ANGULAR	+/- .25 Deg.		SIZE		DWG NO	REV
			C		GE-11063	
			SCALE		SHEET 1 OF 1	

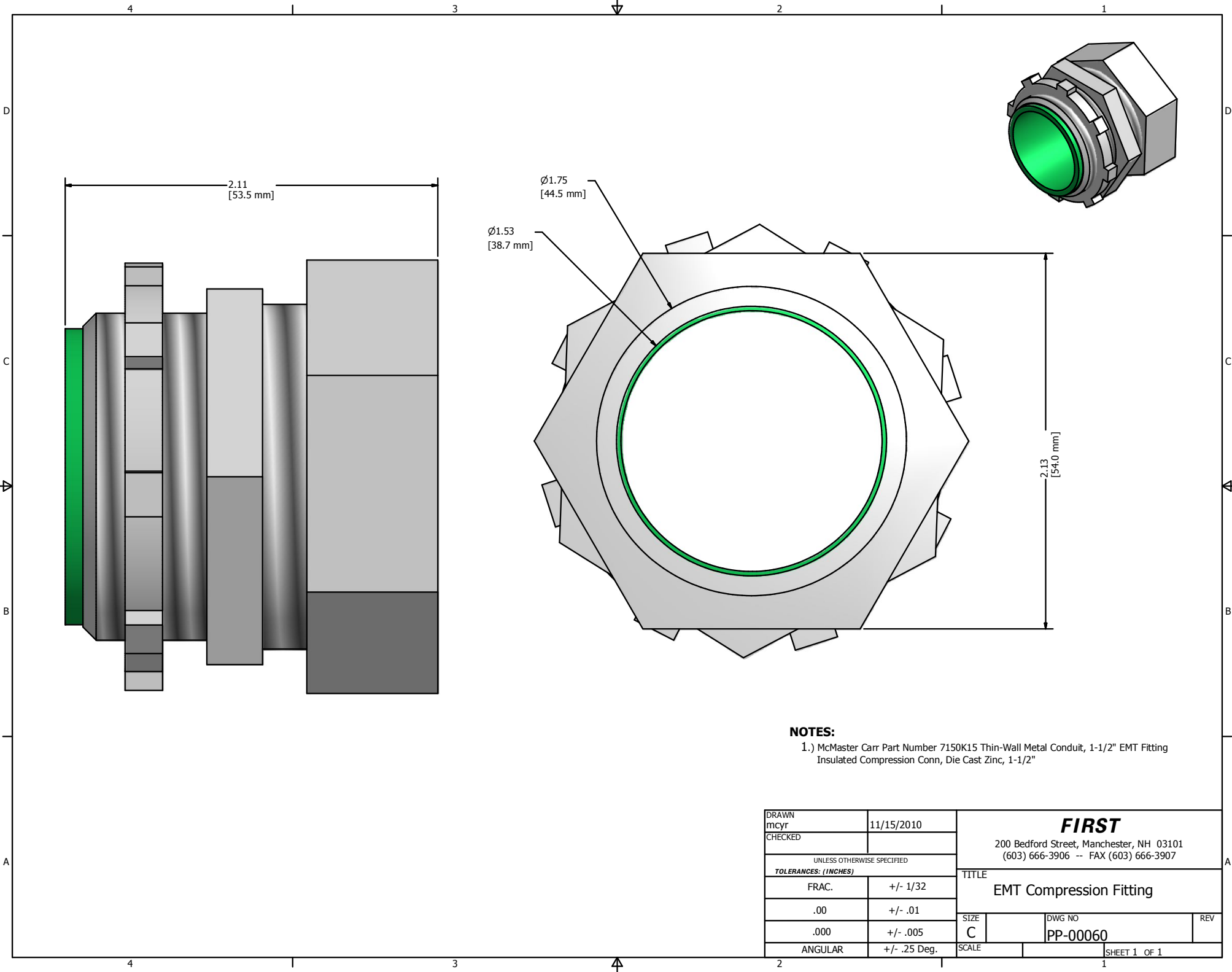


- NOTES:**
- 1.) Material Clear Polycarbonate
  - 2.) Remove all burrs and sharp edges

DRAWN mcyr CHECKED	11/19/2010	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Bottom Plate		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-11064	REV
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 1	



DRAWN mcy CHECKED		11/30/2010		<div><div>FIRST</div><div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div></div>			
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE Spacer</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C	DWG NO GE-11065		REV
				SCALE		SHEET 1 OF 1	



**NOTES:**  
1.) McMaster Carr Part Number 7150K15 Thin-Wall Metal Conduit, 1-1/2" EMT Fitting Insulated Compression Conn, Die Cast Zinc, 1-1/2"

DRAWN mcyr		11/15/2010		<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE  EMT Compression Fitting			
FRAC.		+/- 1/32					
.00		+/- .01		SIZE C			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO PP-00060	
						REV	
						SHEET 1 OF 1	